

# D5.5 Report On Dissemination And Communication Activities



## EXOHOST

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## Executive Summary

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This deliverable summarises the dissemination and communication activities undertaken within the EXOHOST project, which aims to build research excellence at the Tartu Observatory of the University of Tartu (UTARTU) in the study of planet- and disk-hosting stars. Activities followed the Dissemination, Exploitation and Communication (DEC) Plan and focused on developing communication infrastructure, engaging the scientific community, attracting students, strengthening public outreach, and organising major scientific events.

A robust dissemination framework was established, including the EXOHOST website, social media presence, internal communication tools, and dedicated webpages for key events. Project visibility was significantly increased through 22 peer-reviewed publications, active participation in international conferences, and several workshops held across partner institutions.

Student engagement was strengthened through new PhD recruitments and the successful EXOHOST summer school. Public outreach exceeded initial targets, with multiple press releases, interviews, lectures, and popular-science articles communicating project aims and results to wider audiences.

Two flagship events – the Ariel Consortium Meeting 2024 and the EXOHOST Final Conference 2025 – served as major dissemination platforms to the scientific community, bringing together international experts and highlighting project outcomes.

Overall, EXOHOST effectively achieved its communication and dissemination objectives, enhancing UTARTU's international visibility and creating lasting resources and collaborations that extend beyond the project.

## 1 Introduction

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EXOHOST is a Twinning project aimed at strengthening research and management capacities at the Tartu Observatory of the University of Tartu (UTARTU), enabling it to build research excellence in the characterization of planet- and disk-hosting stars. Partners of UTARTU are University College London (UCL), Uppsala University (UU), and the Space Research Institute of the Austrian Academy of Sciences (OEAW). This report summarizes the dissemination and communication activities carried out during the project.

Dissemination aims at the public disclosure of EXOHOST activities and results by appropriate means such as scientific publications, presentations at conferences, workshops, seminars etc. to facilitate the circulation of knowledge and results to those who can best make use of them, thus enabling the value of results to be spread. EXOHOST communication activities aim at promoting the action, its results, findings and benefits to wider audiences, including the media and engaging the public strategically to show the change EU funding makes.

Detailed tables of dissemination and communication (D&C) activities are provided in the Appendix.

## 2 Objectives

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In the Dissemination, Exploitation and Communication (DEC) Plan for EXOHOST and updates (Deliverables 5.1, 5.7 and 5.8), the following specific objectives for dissemination and communication activities were set:

- O1. To set up infrastructure for effective project dissemination and communication
- O2. To improve UTARTU interactions with the scientific community and raise the international research profile
- O3. To raise UTARTU attractiveness among international students and potential PhD candidates
- O4. To stimulate interest in project topics among the public
- O5. To organize a high-profile final conference to disseminate project results to target audiences.

To achieve these goals, specific tasks were defined, which are described in detail in the D5.1 *Initial Dissemination, Exploitation and Communication Plan* and its mid-term update (D5.7). In the following parts of this report, we describe the dissemination and communication activities that were carried out to perform these tasks and to achieve the goals of the project.

## 3 Implementation of the DEC Plan

### 3.1 Framework for effective dissemination and communication

Task T5.1 *Dissemination and communication plan and tools* of the Description of Action foresees several subtasks – to develop the DEC plan, to create the project website, to establish appropriate social media accounts etc.

#### 3.1.1 Branding and Templates

A coherent visual identity was established for the project, including a logo, colour scheme, and templates for documents and presentations, as well as a Zoom background. All materials are available on the EXOHOST SharePoint (<https://tartuulikool.sharepoint.com/sites/EXOHOST>) and have been used consistently throughout the project. A lightweight, easily transportable banner was also produced for display at relevant events.

All materials display European flag (emblem) and funding statement, as well as UK Research and Innovation logo. EU and UKRI support was acknowledged using the following text:

*“This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement No. 101079231 (EXOHOST), and from UK Research and Innovation (UKRI) under the UK government's Horizon Europe funding guarantee (grant number 10051045).”*



Figure 1. Zoom background for online meetings.

#### 3.1.2 Websites

The **EXOHOST website** <https://exohost.ut.ee> is a major channel and central point of all dissemination and communication activities. It was created at the very beginning of the project in 2023 (Deliverable D5.2 *Project website*) and was significantly updated in 2024 after recommendations of the mid-term review. The updated website contains separate sections for scientists and for public. A news feed is also displayed on



the opening page. The main menu at the top is the same across all sections. The website is continuously updated and will be active beyond the end of the project.

The section for public contains background information on exoplanets and their host stars as well as news related to the project and information on the past and future events.

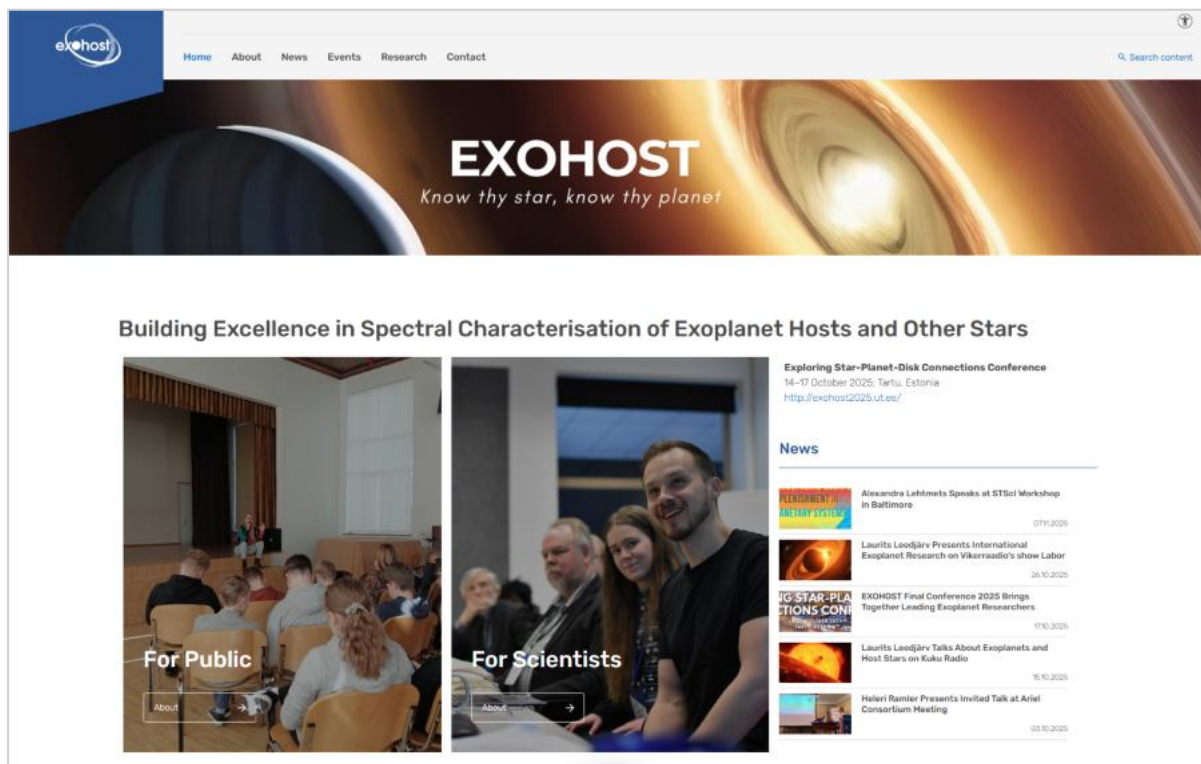


Figure 2. Front page of the EXOHOST website.

The 'About' section contains information about project partners, work packages and deliverables. Texts of public deliverables are available for download.

The 'News' section contains all news entries generated throughout the project, while the five most recent items are displayed in the news feed on the opening page.

The 'Events' section provides detailed information about all workshops organised during the project and includes links to the corresponding webpages.

The 'Research' section contains five major subsections:

Research management – a series of training videos introducing the key aspects of securing research funding and managing academic projects within the European research landscape.

Publications – lists all scientific publications which acknowledge the EXOHOST project.

Presentations – list of presentations at various events

Database – links to the dedicated Zenodo community that hosts and preserves project-related outputs. Also links to the datasets produced during the project.

Software Matrix – a structured overview of the software adopted and developed within the EXOHOST project.

**Three standalone websites** were created for the major international events organised by the EXOHOST team:

1. Ariel Mission Consortium Meeting <https://ariel2024.ut.ee/>
2. EXOHOST summer school “Planet formation and populations” <https://exoplanets2024.ut.ee>
3. EXOHOST Final Conference “Exploring Star-Planet-Disk Connections”  
<https://exohost2025.ut.ee/>

EXOHOST news and achievements were also regularly highlighted at the Tartu Observatory website <https://kosmos.ut.ee/>.

### 3.1.3 Social media

We set up an EXOHOST Instagram account and used Tartu Observatory's Facebook, LinkedIn, Instagram and YouTube accounts to reach a wider audience. All partners exploited their communication channels (e.g. websites, mailing lists) to promote the project internally, among their students and researchers, and externally.

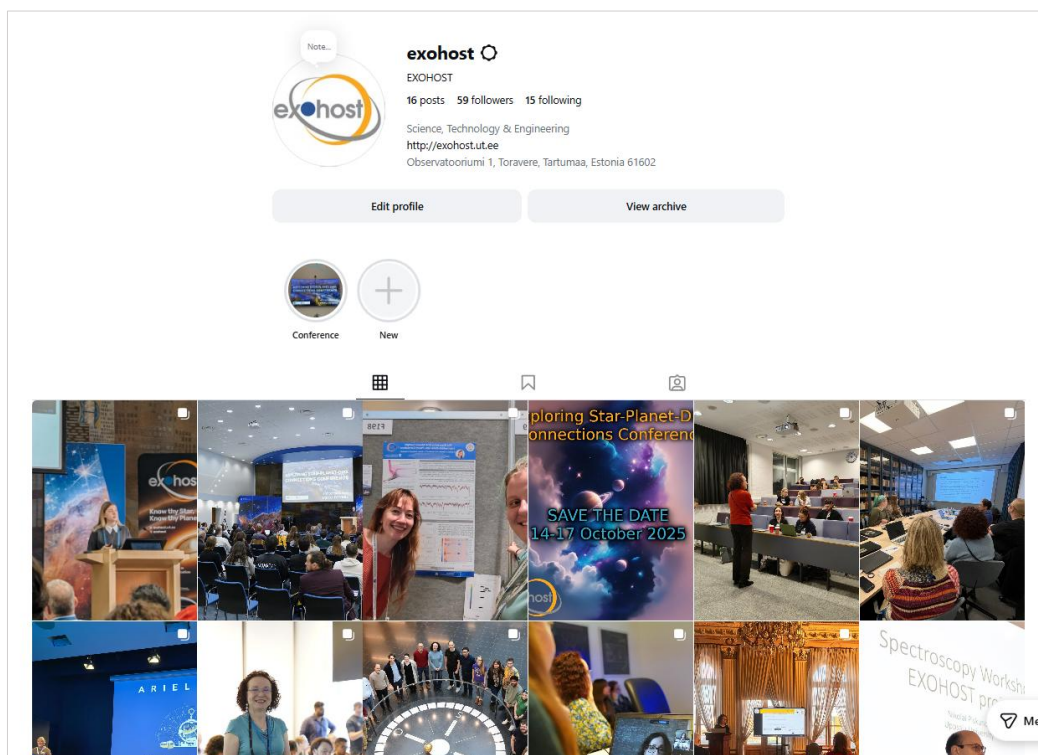


Figure 3. EXOHOST Instagram page.

### 3.1.4 Other communication channels

We set up an EXOHOST general email address [exohost@ut.ee](mailto:exohost@ut.ee) and mailing list [exohost@lists.ut.ee](mailto:exohost@lists.ut.ee). A dedicated SharePoint site at the University of Tartu has proven to be invaluable for internal communications and document management (<https://tartuulikool.sharepoint.com/sites/EXOHOST>). We have also used UTARTU Owncloud resources to share media files and workshops materials with wider audience.

## 3.2 Interactions of UTARTU with the international scientific community

Through the actions undertaken in Task T5.2 *Improving interactions of UTARTU with the international scientific community*, UTARTU has achieved the following notable outcomes.

### 3.2.1 Scientific Publications

Scientific articles in refereed journals and other dedicated publications is one of the main channels for dissemination of project results. Given the importance of publications and according to the subtask of T5.2, the EXOHOST partners elaborated a publication strategy as D5.3.

As of 1 December 2025, 22 scientific articles in high-impact journals have been published, mostly in *Astronomy & Astrophysics* and *Monthly Notices of the Royal Astronomical Society*. In addition, there are several articles submitted or in preparation and two papers are published in conference proceedings. The full list of publications can be found on the EXOHOST webpage <https://exohost.ut.ee/publications/>. Preprints of articles are in the open access repository arXiv (<https://arxiv.org/>). Published data, presentation slides, and articles are available in Zenodo (<https://zenodo.org/communities/exohost/>).

### 3.2.2 Presentations at Conferences and Meetings

Another important channel for dissemination of scientific information and creating contacts is participation in international conferences. During the three years of the EXOHOST project, partners have participated in many conferences and meetings all over the world, giving talks and presenting posters on exoplanet host stars and related topics, as well as on the project itself. One can especially point out active participation in large-scale meetings such as the Europlanet Science Congress (Berlin 2024 and Helsinki 2025) and the Ariel Consortium Meeting (Budapest 2023, Tartu 2024, Lisbon 2024, Leiden 2025, Madrid 2025). In total, researchers from EXOHOST institutions gave 21 scientific talks and presented 14 posters in 22 conferences, meetings, and education and training events. In addition, the EXOHOST project was introduced in 3 talks. Detailed list is available at the EXOHOST website (<https://exohost.ut.ee/presentations/>).



**Figure 4.** EXOHOST team member Heleri Ramler delivered an invited talk at the Ariel Consortium Meeting, held in Madrid from 30 September to 3 October 2025.



### 3.2.3 EXOHOST Workshops

EXOHOST partners organised a number of events to raise UTARTU's international visibility and support positive changes in its research culture and practices.

#### **EXOHOST Kick-off Meeting** (Tõravere, Estonia, 14-15 February 2023)

Representatives of partners from UTARTU, UU, OEAW, and UCL discussed the objectives of the project and agreed on the next steps. There were 18 participants on-site and 8 participants online (a total of 26 participants).



**Figure 5.** EXOHOST Kick-Off Meeting at Tartu Observatory (UTARTU) in Tõravere, Estonia. Photo by Marja-Liisa Plats (UTARTU).

### Research Management Workshop (Vienna, Austria, 18-19 September 2023)

Partners from OEAW and officials from the Austrian Academy of Sciences introduced best practices in grant applications, innovation management, financial issues, gender and diversity matters etc. There were 19 participants in total.



**Figure 6.** Research Management Workshop at Austrian Academy of Sciences (OEAW) in Vienna, Austria.

### Stellar Spectroscopy Workshop (Tõravere, Estonia, 27-28 September 2023)

Students as well as experienced researchers learned about modern observational techniques and data analysis in stellar spectroscopy with a focus on intermediate-mass main sequence stars (spectral types F, A, and late B). The workshop was widely promoted via multiple channels, resulting in huge popularity among young researchers worldwide: there were 26 participants on-site and 65 participants online (a total of 91 participants). Lecturers were from UU and OEAW. The workshop materials were delivered as deliverable D3.1.



**Figure 7.** Stellar Spectroscopy Workshop at Tartu Observatory in Tõravere, Estonia. Photo by Karin Pai (UTARTU).



### Workshops on Instrumentation and Proposal Writing and Spectral Surveys (Uppsala, Sweden, 12-14 March 2024)

Two consecutive workshops were held at the Ångström Laboratory, UU, with the first dedicated to spectroscopic instrumentation and good practices of preparing observing proposals for various facilities, and the second focusing on currently available and future spectral surveys and the opportunities they provide. Materials of the workshops were delivered as deliverables D3.2 and D3.3. There were 22 participants: 18 on site and 4 online.



**Figure 8.** Workshops on Instrumentation and Proposal Writing and Spectral Surveys at Uppsala University in Uppsala, Sweden. Photo by Camilla Thulin (UU).

### Research Practices Workshop (Uppsala, Sweden, 6-8 November 2024)

Partners from UU and UTARTU discussed various issues on recruitment and career development, work environment, research funding, research training, international collaborations, dissemination of knowledge etc. The workshop materials were delivered as deliverable D2.2. There was a total of 15 participants.



Figure 9. Research Practices Workshop at Uppsala University in Uppsala, Sweden. Photo by Merili Jauk (UTARTU).



**Research Mapping Workshop** (London, United Kingdom, 26-28 November 2024)

Participants from all the EXOHOST partner institutions reviewed EXOHOST research activities to-date and discussed a roadmap for collaboration until the end of EXOHOST and beyond. There was a total of 8 participants from UTARTU, plus partners from both UCL and UU.

Website of the workshop: <https://sites.google.com/view/exohostucl>

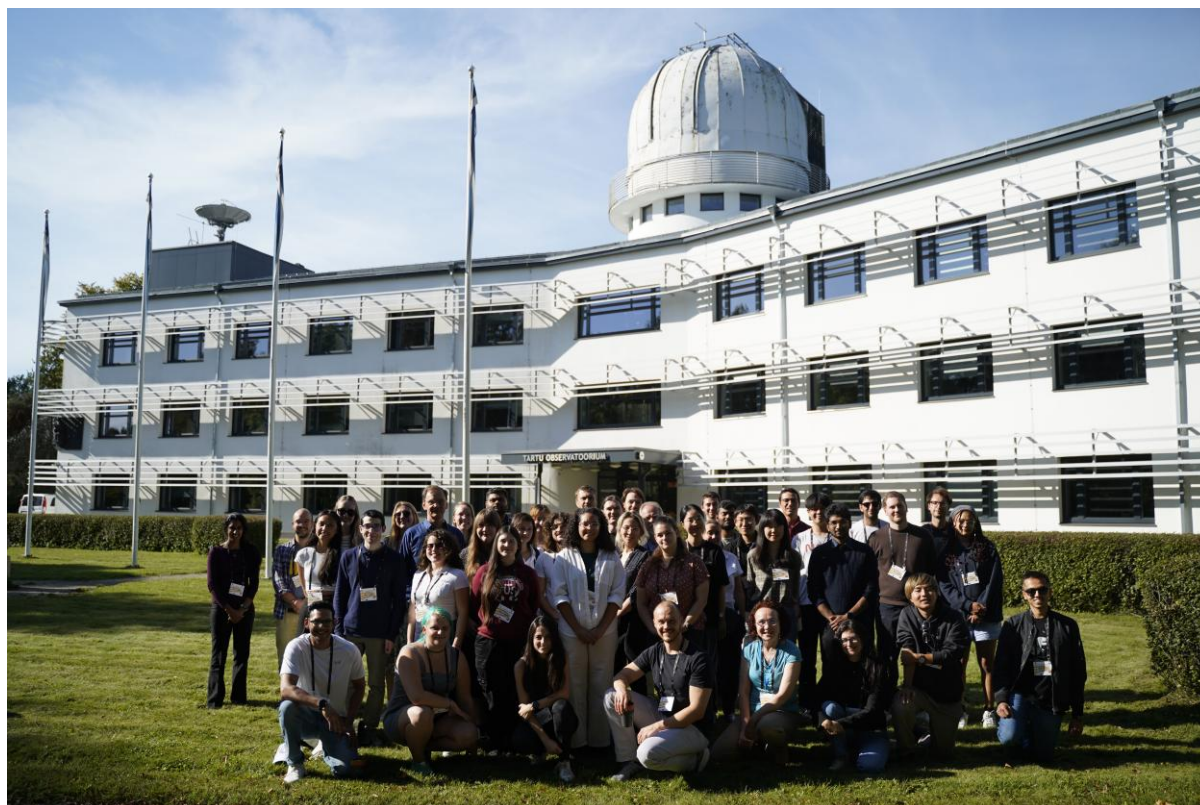


**Figure 10.** Research Mapping Workshop at University College London (UCL) in London, UK.

### 3.3 Attractiveness of UTARTU for students and postdocs

An important goal of EXOHOST was to increase the attractiveness of UTARTU for talented students and postdocs (Task T5.3). In this context, exoplanets and their host stars comprise an exciting field of research that can attract PhD students and postdoc researchers from all over the world. UTARTU provides an excellent research environment with state-of-the-art facilities and co-supervision opportunities with EXOHOST partners – UCL, UU and OEAW. During 2023-2025, **six new PhD students** joined Stellar Physics Department at UTARTU: Alexandra Lehtmetts and Kärt Soieva from Estonia, Sandipan Borthakur (moved to the OEAW in 2025) and Ninad Bhagwan Khobrekar from India, Havva Bostan from Turkey and Jakub Cehula from Slovakia.

As part of Task T5.3, UTARTU, with support from UCL, UU, and OEAW, organized the **EXOHOST summer school “Planet Formation and Populations”** in Tõravere, Estonia, 16-20 September 2024. Fourteen leading researchers in planet formation and evolution and planetary system populations gave lectures to 32 participants, most of whom were PhD and master’s students from European universities as well as institutions outside Europe. Interactions with prominent scientists in the field – such as Bertram Bitsch, Aldo Bonomo, Farzana Meru, Alexander Mustill, Maria Tsantaki, Peter Woitke – were also highly beneficial for experienced researchers at UTARTU. Further information is available in deliverable D5.4 *Materials from Summer School* and on the official webpage of the summer school: <https://exoplanets2024.ut.ee>



**Figure 11.** Participants of the summer school in front of Tartu Observatory. Photo by Karin Pai (UTARTU).

UTARTU also organized the **Asteroid Research Training Workshop** in Tõravere, Estonia, 21-25 August 2023 (<https://asteroids2023.ut.ee/>). Using similar methods of spectroscopic observations and data processing, the research of asteroids creates synergy with EXOHOST activities.

Additional initiatives to increase the attractiveness of UTARTU for students can be found under section 3.5.

### 3.4 Public engagement

Exoplanets, their host stars, and their relation to potential life elsewhere in the universe are fascinating and intriguing topics for a wide range of audiences, from elementary school students to seniors. EXOHOST participants actively used the communication channels set by the DEC Plan to communicate knowledge about exoplanets and the EXOHOST project.

#### 3.4.1 Press releases and public media

The first **press release** about EXOHOST was published on the Research Estonia webpage already in December 2022, before the start of the project. A similar press release was published on the University of Tartu webpage soon after. Partners from UU issued a press release highlighting the two EXOHOST workshops held in the Ångström Laboratory of Uppsala University in March 2024. In April 2024, UTARTU published a press release informing about the Ariel Consortium Meeting in Tartu. In October 2025, UTARTU informed the public with the press release on the forthcoming EXOHOST final conference “*Exploring Star-Planet-Disk Connections*”.

The DEC Plan set a goal to give at least three **interviews** in Estonian media channels. Partners from UTARTU and UCL gave altogether seven interviews: Giovanna Tinetti and Mihkel Kama (UCL) to Estonian Public Broadcasting (EPB) TV and Novaator portal, Anna Aret to EPB Russian language TV programme Кофе+, Laurits Leedjärv two times to EPB Vikerraadio and two times to Kuku Raadio.

Two interviews related to the Ariel Consortium Meeting in Tartu were published in the *Tartu Postimees* newspaper.



Figure 12. Anna Aret in the EPB+ morning programme Кофе+ on 13 September 2024.



### 3.4.2 Lectures and talks

Public lectures and lectures for high-school and university students form an essential part of the communication activities. EXOHOST partners, mostly from UTARTU, actively publicized exoplanets related research and aims and results of the EXOHOST project. For three years, 14 events were visited with 17 talks or lectures given.

Every year, a few thousands of people (mostly schoolchildren) visit Tartu Observatory. When appropriate, the guides briefly introduced the EXOHOST project and its results to the visitors.

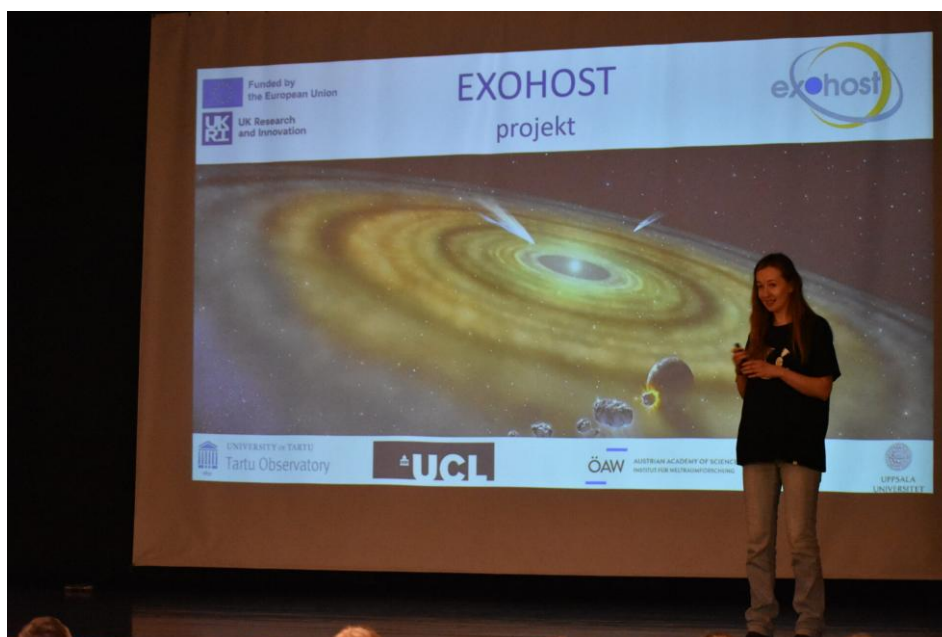


Figure 13. Heleri Ramler at Rannu School Science Day.

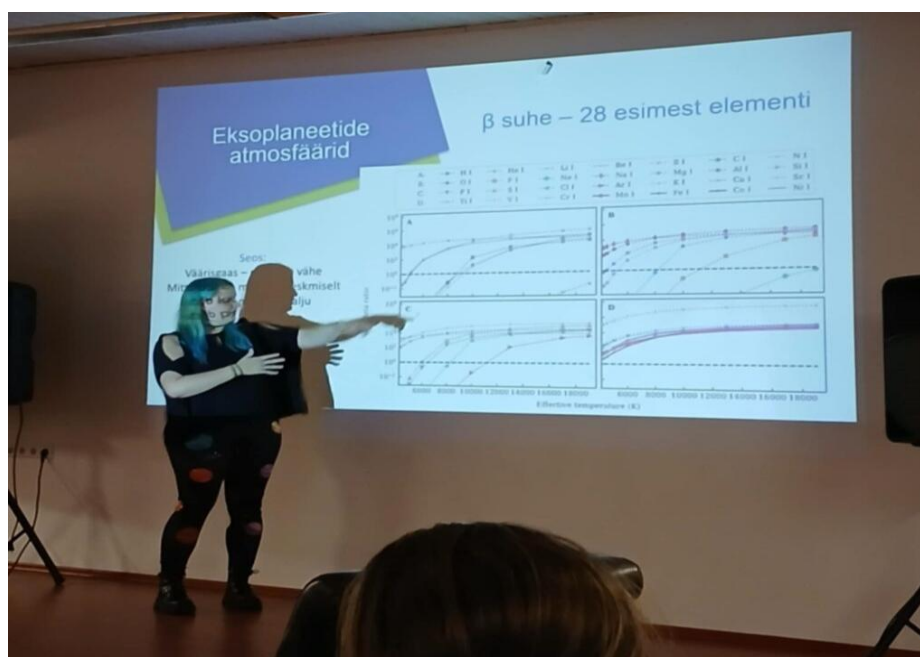


Figure 14. Alexandra Lehtmets at Autumn School of the Estonian Physics Society.

### 3.4.3 Popular-scientific articles

The goal to publish at least popular-scientific articles was achieved, with articles published in Estonian in the newspaper *Maaleht*, journal *Akadeemia*, kids journal *Täheke* and *Calendar of Tartu Observatory for 2024*. The article “Elu parimas võimalikus maailmas” (Life in the best of possible worlds) won the annual gold prize of the journal *Akadeemia*. The newspaper *Tartu Postimees* published two interviews with Laurits Leedjärv on the Ariel Consortium Meeting in Tartu. The journal *Horisont* introduced the EXOHOST Final Conference in its December 2025 issue.

### 3.4.4 Other communication activities

For many years, Tartu Observatory of UTARTU has organized scientific summer camps (*Teadusmalev* in Estonian) for high-school students. Students work on mini-projects and solve real scientific problems proposed by the researchers of UTARTU. Some of the student projects were related to exoplanets and supervised by EXOHOST participants: two in 2023, two in 2024, and two in 2025.

The EXOHOST participants Heleri Ramler and Sandipan Borthakur also supervised a regular high school pupil's research project by Eliise Siimon from Tartu Hugo Treffner Gymnasium.

### 3.5 Organizing high-profile conferences

#### 3.5.1 Ariel Consortium Meeting, Tartu, Estonia, 23-26 April 2024

According to the Grant Agreement, we submitted a bid to host a high-profile conference in the field. Our bid to host the ESA Ariel Mission Consortium Meeting was accepted, and the meeting took place in Tartu from 23–26 April 2024. The four-day, fully hybrid meeting ran in three parallel sessions.

This meeting brought together over 100 participants on-site, including the PI of the ESA Ariel mission Prof. Giovanna Tinetti from UCL, and a similar number of participants online. The Ariel mission, scheduled for launch in 2029, will study atmospheres of about 1000 exoplanets. Extensive ground-based and space observations are needed to finalize the sample of planets to be observed and to characterize their host stars. A significant part of the EXOHOST activities is related to the preparations for the Ariel mission.

The Ariel Consortium Meeting proved to be one of the major dissemination events of the project.

Official webpage of the Ariel Consortium Meeting in Tartu: <https://ariel2024.ut.ee>



**Figure 15.** Group Photo of the participants of the Ariel Consortium Meeting in Tartu, Estonia. Photo by Timo Arbeiter.

### 3.5.2 EXOHOST Final Conference “Exploring Star-Planet-Disk Connections”, Tartu, Estonia, 14-17 October 2025

This final conference summarized scientific results of the EXOHOST project, focusing on the intricate relationships between stars, planets, and disks and aiming to advance our understanding of these connections. The programme of the conference included 11 invited talks by prominent researchers, 43 contributed talks, and 12 posters. Detailed information on the conference is available on the official website <https://exohost2025.ut.ee> and in the deliverable D5.6. *Materials from final conference*.



**Figure 16.** Group Photo of the participants of the Exploring Star-Planet-Disk Connections Conference in Tartu, Estonia. Photo by Mana Kaasik.



## 4 Conclusions

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Exoplanets and their host stars are fascinating scientific topics which stimulate broad public interest. This interest further translates into motivation for students to study STEM fields. Being on the forefront of present-day astronomy, exoplanets-related research increases international visibility and attractiveness of UTARTU for researchers as well as for students. UTARTU actively used the opportunities offered by the EXOHOST project and was a coordinator of extensive dissemination and communication activities related to the project. The activities, carried out according to the DEC Plan, are described in the current report (see also the appendix below). The dissemination activities include among others 22 published scientific papers in high-impact journals, organizing 10 events, participating in more than 20 other conferences and meetings, elaborating and distributing a new software etc. Highlights of the communication include 5 press releases, 7 interviews to TV and radio, 17 lectures and talks, 4 popular-scientific articles, and other activities.

The EXOHOST website is a useful source of information for researchers as well as for a wider public. The website which is summarizing the EXOHOST activities and results remains active and will be updated beyond the end of the project. Contacts and communications created during the project will stimulate new collaborations between the EXOHOST partners.



## Appendix: Tables of D&C activities

### DISSEMINATION ACTIVITIES

*Colour coding indicates activities from different years.*

Partner	No	Dissemination activity name	Date	Type of dissemination activity	Target audience reached	Description of the objective(s) with reference to a specific project output	Status of the dissemination activity
UTARTU	1	EXOHOST Kick-off Meeting	Feb-23	Meetings	Research communities	EXOHOST Kick-off meeting at Tartu Observatory on 14.-15.02.2023	Delivered
UTARTU	2	COST action NanoSpace scientific meeting	Feb-23	Conferences	Research communities	Laurits Leedjärv briefly introduced EXOHOST project in the talk at the COST Action 21126 NanoSpace scientific meeting in Ljubljana, Slovenia	Delivered
UTARTU	3	ESA Ariel Mission Consortium meeting	Jun-23	Conferences	Research communities	Heleri Ramler presented a poster "Stellar parameters for hot Ariel targets: I Comparison of methods" at Ariel Consortium Meeting	Delivered
OEAU	4	Research management WS	Sep-23	Education and training events	Specific user communities	Workshop organized according to the WP2 objectives O2.1. and O2.3 (T2.2).	Delivered
UTARTU	5	Spectroscopy WS	Sep-23	Education and training events	Research communities	Workshop organized according to the WP3 objectives O3.1 and O3.2 (T3.1).	Delivered
UCL	6	Seminar at Imperial College London	2024	Meetings	Research communities	Mihkel Kama introduced EXOHOST in his invited research seminar	Delivered
OEAU	7	Seminar at IWF	2024	Meetings	Research communities	Luca Fossati briefly introduced EXOHOST at the internal IWF seminar session	Delivered
UTARTU	8	ESA Ariel Mission Consortium meeting	2024	Conferences	Research communities	Anna Aret presented talk "EXOHOST: EU Twinning project"	Delivered
UTARTU	9	Seminar at Observatorio Nacional, Rio de Janeiro, Brazil	2024	Meetings	Research communities	Laurits Leedjärv gave a talk "Stellar physics at Tartu Observatory", including overview of the EXOHOST project	Delivered

UTARTU	10	Supervising student	2024	Education and training events	Citizens	Sandipan Borthakur supervised a high school student during Teadusmalev, 2024	Delivered
UTARTU	11	Presentation of SpecpolFlow to MOBSTER	2024	Education and training events	Specific user communities	Colin Folsom presentation of the SpecpolFlow data analysis package to the MOBSTER collaboration	Delivered
UCL	12	Journal article	Jan-24	Other scientific collaboration	Research communities	Planet gap opening feedback on disc thermal structure and composition, MNRAS, 527, 2049, 2024	Delivered
UU	13	Instrumentation and proposal writing WS	Mar-24	Education and training events	Research communities	Workshop organized according to the WP3 objectives O3.1 and O3.2 (T3.1).	Delivered
UU	14	Spectral surveys WS	Mar-24	Education and training events	Research communities	Workshop organized according to the WP3 objectives O3.1 and O3.2 (T3.1).	Delivered
UTARTU	15	Tartu Observatory Astronomy Seminar		Education and training events	Research communities	Alexandra Lehtmetts gave a talk in Tartu Observatory Astronomy Seminar, 20.03.2024	Delivered
UTARTU	16	Presentation at science conference of Tartu Observatory, UTARTU	Mar-24	Conferences	Research communities	Alexandra Lehtmetts gave a talk "Breathing new air: probing the atmospheres of exoplanets ", 27.03.2024	Delivered
UTARTU, OEA	17	Journal article	May-25	Other scientific collaboration	Research communities	Abundance analysis of stars hosting gas-rich debris disks, A&A, 697, A59, 2025	Delivered
UCL	18	Journal article	Jun-24	Other scientific collaboration	Research communities	Vertical and radial distribution of atomic carbon in HD 163296, A&A, 686, A120, 2024	Delivered
UTARTU	19	Poster at conference	Jun-24	Conferences	Research communities	Sandipan Borthakur presented a poster at the conference "Attending New Heights in Planet Formation", ESO, Garching, Germany, 14.-21.07.2024	Delivered
UTARTU, OEA	20	Journal article	Aug-24	Other scientific collaboration	Research communities	Metal accretion scars may be common on magnetic, polluted white dwarfs, A&A, 688, L14, 2024	Delivered
UTARTU	21	EXOHOST Summer School	Sep-24	Education and training events	Research communities	EXOHOST Summer School "Planet formation and populations" organised according to the WP5 objective O5.3	Delivered

UTARTU	22	Presentation at EANA 2024 Conference	Sep-24	Conferences	Research communities	Alexandra Lehtmetts gave a talk "Evaporated atmosphere in the interplanetary medium of early-type stars, Graz, Austria, 02.-07.09.2024	Delivered
UTARTU	23	Presentation at Europlanet Science Congress	Sep-24	Conferences	Research communities	Kertu Metsoja presented a poster at Europlanet Science Congress 2024, "Comparative analysis of a binary system HD 135344 with a protoplanetary disk" <a href="https://doi.org/10.5194/epsc2024-953">https://doi.org/10.5194/epsc2024-953</a>	Delivered
UTARTU	24	Presentation at Europlanet Science Congress	Sep-24	Conferences	Research communities	Alexandra Lehtmetts gave a talk "Evaporated atmosphere in the interplanetary medium of early-type stars", Berlin, Germany, 08.-14.09.2024 <a href="https://doi.org/10.5194/epsc2024-33">https://doi.org/10.5194/epsc2024-33</a>	Delivered
UTARTU	25	Presentation at Europlanet Science Congress	Sep-24	Conferences	Research communities	Heleri Ramler presented a poster "New fibre-fed echelle spectrograph and photometer on 1.5 m telescope at Tartu Observatory", Berlin, Germany, 08.-14.09.2024	Delivered
UTARTU	26	University of Tartu Astrophysics Seminar		Education and training events	Research communities	Alexandra Lehtmetts gave a lecture in University of Tartu Astrophysics Seminar, 26.09.2024	Delivered
UCL	27	Journal article	Oct-24	Other scientific collaboration	Research communities	Volatile composition of the HD 169142 disc and its embedded planet, MNRAS, 534, 3576, 2024	Delivered
UTARTU	28	Presentation at the autumn school	Oct-24	Education and training events	Research communities	Alexandra Lehtmetts gave a talk "Eksoplaneetide teke ja atmosfääride evolutsioon" (Formation of exoplanets and evolution of their atmospheres) at the autumn school of the Estonian Physics Society, Voore, Estonia, 18.10.2024	Delivered
UTARTU	29	Presentation at the Ariel Consortium meeting	Oct-24	Conferences	Research communities	Alexandra Lehtmetts presented a poster "Investigating circumstellar atomic radiation-driven dynamics" at the Ariel Consortium meeting, Lisbon, Portugal, 28.-30.10.2024	Delivered
UTARTU, OEAW	30	Journal article	Dec-24	Other scientific collaboration	Research communities	First observation of the complete rotation period of the ultraslowly rotating magnetic O star HD 54879, ApJ, 977, 84, 2024	Delivered

UTARTU, UCL	31	Journal article	2025	Other scientific collaboration	Research communities	Heleri Ramler et. al. " Ariel stellar characterisation. IV. Fundamental Parameters of 18 Hot Stars in the Ariel Mission Candidate Sample" A&A	Submitted
UTARTU, OEAW, UCL	32	Journal article	2025	Other scientific collaboration	Research communities	Alexandra Lehtmetts et.al "Investigating Circumstellar Atomic Radiation-driven Dynamics" 2025	Delivered
UTARTU	33	Journal article	Jan-25	Other scientific collaboration	Research communities	A BCool surevy of stellar magnetic cycles, A&A, 693, A269, 2025	Delivered
UTARTU	34	Web seminar	Jan-25	Meetings	Research communities	Alexandra Lehtmetts gave a web talk "Investigating circumstellar atomic radiation-driven dynamics in exoplanet and debris disc environments" at the SPA meeting, organized by Stockholm University, Sweden, 31.01.2025	Delivered
UTARTU	35	Journal article	Feb-25	Other scientific collaboration	Research communities	Atmospheric dynamics of the hypergiant RW Cep during the Great Dimming, A&A, 694, A153, 2025	Delivered
UTARTU	36	Poster at training school	Mar-25	Education and training events	Research communities	Veronika Mitrokhina presented a poster "Detectability of deuterium in the spectra of A-type stars" in the EAI School "The Birth of Solar Planets", Italy, Bertinoro, 24.02.-07.03.2025	Delivered
UTARTU	37	Lecture in winter school	Mar-25	Education and training events	Research communities	Tiina Liimets gave a lecture "Observing in a nutshell - NOT" at the 61st Karpacz Winter School of Theoretical Physics and ChETEC-INFRA Training School "Multi-messenger Nuclear Astrophysics in the 21st Century", Karpacz, Poland, 28.02.-08.03.2025	Delivered
UTARTU	38	Journal article	Mar-25	Other scientific collaboration	Research communities	Hydrodynamic predictions for the next outburst of T Coronae Borealis: it will be the brightest classical or recurrent nova ever observed in X-rays, ApJ, 982, 89, 2025	Delivered
UTARTU	39	Journal article	May-25	Other scientific collaboration	Research communities	SpecpolFlow: a new software package for spectropolarimetry using Python, arXiv: 2505/18476	Delivered
UTARTU	40	Presentation at summer school	May-25	Education and training events	Research communities	Alexandra Lehtmetts gave a talk "Investigating circumstellar atomic radiation-driven dynamics" at the 5th Advanced School on Exoplanetary Science, Vietri del Mar, Italy, 26.-30.05.2025	Delivered

## D5.5 | REPORT ON D&C ACTIVITIES

UCL, UTARTU	41	Journal article	May-25	Other scientific collaboration	Research communities	Refractory phosphorus in the HD 100546 protoplanetary disc. MNRAS, 542, 3402, 2025	Delivered
UTARTU	42	Journal article	May-25	Other scientific collaboration	Research communities	Ariel stellar characterisation. III. Fast rotators and new FGK stars in the Ariel mission candidate sample, A&A, 697, A102, 2025	Delivered
UTARTU	43	Poster at meeting	May-25	Meetings	Research communities	Colin Folsom, CFHT users meeting, Lac-a-l'Eau-Claire, Quebec, Canada, 25.-29.05.2025	Delivered
UTARTU	44	Poster at meeting		Meetings	Research communities	Sandipan Borthakur presented a poster at European Astronomical Society Meeting, 23-27.06.2025	Delivered
UCL	45	Journal article	Jul-25	Other scientific collaboration	Research communities	Planet-induced gas and dust substructure feedbacks on disc thermal structure, MNRAS, 541, 2830, 2025	Delivered
OEAW, UTARTU	46	Journal article	Jul-25	Other scientific collaboration	Research communities	Non-local thermodynamical equilibrium atmospheric modelling of the ultra-hot Jupiter WASP-178b and comparison with UV and optical observations, A&A, 699, A186, 2025	Delivered
UTARTU	47	Poster at conference	Jul-25	Conferences	Research communities	Alexandra Lehtmetts "Investigating circumstellar atomic radiation-driven dynamics", Conference "A New Era in Exoplanet Atmosphere Observation and Characterisation", Bad Honnef, Germany, 20.-25.07.2025	Delivered
UTARTU	48	Journal article	Aug-25	Other scientific collaboration	Research communities	Evolving magnetic lives of Sun-like stars. I. Characterisation of the large-scale magnetic field with Zeeman-Doppler imaging, A&A, 700, A282, 2025	Delivered
UTARTU	49	Journal article	Aug-25	Other scientific collaboration	Research communities	The magnetic and spin-down properties of slowly rotating fully convective M dwarfs, MNRAS, 542, 1318, 2025	Delivered
UTARTU	50	Poster at training school	Aug-25	Education and training events	Research communities	Veronika Mitrokhina, Training School "AI in Astrochemistry", Espoo, Finland, 04.-09.08.2025	Delivered

UTARTU	51	Presentation at conference	Sep-25	Conferences	Research communities	Alexandra Lehtmetts, talk "Stellar photospheric contamination as a tool for indirect characterisation of hot Jupiter atmospheres", ESPC-DPS Joint Meeting, Helsinki, Finland, 07.-12.09.2025	Delivered
UTARTU	52	Poster at conference	Sep-25	Conferences	Research communities	Heleri Ramler et al. "Hot stars in the Ariel mission sample: Intermediate-mass star-planet correlations", EPSC-DPS Joint Meeting, Helsinki, Finland, 07.-12.09.2025	Delivered
UTARTU	53	Journal article	Sep-25	Other scientific collaboration	Specific user communities	PIMMS: Pulsation-Informed Magnetic Mapping of Stars with Zeeman-Doppler imaging. I. formalism and numerical tests, arXiv: 2509/02152	Delivered
UTARTU	54	Journal article	Oct-25	Other scientific collaboration	Research communities	Stable magnetic fields and changing starspots on Vega - an ultra-deep decadal survey at Pic du Midi and OHP, A&A, 702, A19, 2025	Delivered
UTARTU	55	Invited talk	Oct-25	Conferences	Research communities	Heleri Ramler "Hot stars in the Ariel Mission Candidate Sample" Ariel Consortium meeting Madrid, Spain, 30 September-3 October 2025	Delivered
UTARTU	56	Presentation at conference	Oct-25	Conferences	Research communities	Tõnis Eenmäe "Enhancing northern sky monitoring: upgrades to Tartu Observatory's 1.5 m telescope for high-resolution spectroscopy and multi-band photometry, EXOHOST Final Conference "Exploring Star-Planet-Disk Connections", Tartu, Estonia, 14.-17.10.2025	Delivered
UTARTU	57	Presentation at conference	Oct-25	Conferences	Research communities	Anna Aret "Overview of the EXOHOST project, EXOHOST Final Conference "Exploring Star-Planet-Disk Connections", Tartu, Estonia, 14.-17.10.2025	Delivered
UTARTU	58	Presentation at conference	Oct-25	Conferences	Research communities	Veronika Mitrokhina "Detectability of deuterium in the spectra of A-type stars, EXOHOST Final Conference "Exploring Star-Planet-Disk Connections", Tartu, Estonia, 14.-17.10.2025	Delivered
UTARTU	59	Presentation at conference	Oct-25	Conferences	Research communities	Alexandra Lehtmetts "Stellar Abundance Anomalies in A–F Type Stars and the Role of Planetary Contamination", EXOHOST Final Conference "Exploring Star-Planet-Disk Connections", Tartu, Estonia, 14.-17.10.2025	Delivered

OEAW, UTARTU	60	Presentation at conference	Oct-25	Conferences	Research communities	Sandipan Borthakur "Stellar photospheric contamination in early-type stars: from protoplanetary to debris disks, EXOHOST Final Conference "Exploring Star-Planet-Disk Connections", Tartu, Estonia, 14.-17.10.2025	Delivered
UCL	61	Presentation at conference	Oct-25	Conferences	Research communities	Jason Ran "Bayesian constraints on planet formation models with population synthesis and simulation based inference", EXOHOST Final Conference "Exploring Star-Planet-Disk Connections", Tartu, Estonia, 14.-17.10.2025	Delivered
UCL	62	Presentation at conference	Oct-25	Conferences	Research communities	Anna Thomas "Population synthesis to investigate the effect of volatile to refractory sulfur conversion on the production of hot and cold gas giants, EXOHOST Final Conference "Exploring Star-Planet-Disk Connections", Tartu, Estonia, 14.-17.10.2025	Delivered
UTARTU	63	Poster at conference	Oct-25	Conferences	Research communities	Colin Folsom "Chemical traces of selective accretion in the HD 135344 binary system", EXOHOST Final Conference "Exploring Star-Planet-Disk Connections", Tartu, Estonia, 14.-17.10.2025	Delivered
UTARTU	64	Poster at conference	Oct-25	Conferences	Research communities	Alexandra Lehtmetts "Investing circumstellar atomic radiation-driven dynamics", EXOHOST Final Conference "Exploring Star-Planet-Disk Connections", Tartu, Estonia, 14.-17.10.2025	Delivered
UTARTU	65	Poster at conference	Oct-25	Conferences	Research communities	Heleri Ramler et al. "Hot stars in the Ariel mission sample: Intermediate-mass star and planet correlations", EXOHOST Final Conference "Exploring Star-Planet-Disk Connections", Tartu, Estonia, 14.-17.10.2025	Delivered
UU	66	Poster at conference	Oct-25	Conferences	Research communities	Nicola Miller "Towards a homogeneous sample of M-dwarf properties and abundances for the PLATO mission", EXOHOST Final Conference "Exploring Star-Planet-Disk Connections", Tartu, Estonia, 14.-17.10.2025	Delivered
UU	67	Journal article	Nov-25	Other scientific collaboration	Research communities	The solar sulphur abundance in view of large-scale atomic structure calculations and 3D non-LTE models, A&A, 703, A35, 2025	Delivered

UTARTU	68	Presentation at conference	Nov-25	Conferences	Research communities	Alexandra Lehtmetts "Stellar Photospheric Contamination as a Tool for Indirect Characterisation of Hot Jupiter Atmospheres", Atmospheric Escape and Replenishment in Planetary Systems Workshop, Baltimore, USA, 03.-07.11.2025	Delivered
UTARTU	69	Journal article	Nov-25	Other scientific collaboration	Research communities	Kokori, ... , Tõnis Eenmäe, ... et al. "Exoclock project IV: A homogeneous catalogue of 620 updated exoplanet ephemerides", arXiv:2511.14407	Delivered
UTARTU	70	Journal article	Dec-25	Other scientific collaboration	Research communities	Tiina Liimets et al. "Newborn jet in the symbiotic system R Aquarii", arXiv:2511.14243	Delivered



## COMMUNICATION ACTIVITIES

*Colour coding indicates activities from different years.*

Partner	No	Communication Activity name	Date	Description	Target Audience	Communication channel	Outcome (no of people reached)	Status	Link
UTARTU	1	Press release of the EXOHOST project start	Dec 2022	Press release by Justin Petrone on the Research in Estonia webpage	Citizens	Press release	270	Delivered	<a href="https://researchinestonia.eu/2022/12/05/university-of-tartu-led-consortium-embarks-on-european-galactic-astronomy-project/">https://researchinestonia.eu/2022/12/05/university-of-tartu-led-consortium-embarks-on-european-galactic-astronomy-project/</a>
UTARTU	2	Press release of the EXOHOST project start	Dec-22	Press release on the University of Tartu webpage	Research communities	Press release	220	Delivered	<a href="https://ut.ee/en/content/university-tartu-led-consortium-embarks-european-galactic-astronomy-project">https://ut.ee/en/content/university-tartu-led-consortium-embarks-european-galactic-astronomy-project</a>
UTARTU	3	Twitter post 05.12.2022	05.12.2022	Research in Estonia - press release	Citizens	Social media	88	Delivered	<a href="https://twitter.com/researchestonia/status/1599745140251234304?s=20">https://twitter.com/researchestonia/status/1599745140251234304?s=20</a>
UTARTU	4	Facebook post	05.12.2022	Research in Estonia - press release	Citizens	Social media	95	Delivered	<a href="https://www.facebook.com/tartuobservatory/posts/pfbid02EQ1MFaNNnsU3GDxobSBjN5yHuFQ439kzbZHdewm77yIT1JBV8fQR3UEesziBt7iCI">https://www.facebook.com/tartuobservatory/posts/pfbid02EQ1MFaNNnsU3GDxobSBjN5yHuFQ439kzbZHdewm77yIT1JBV8fQR3UEesziBt7iCI</a>
UTARTU	5	Press release of the EXOHOST project start	Jan-23	Research in Estonia - press release	Research communities	Social media	110	Delivered	<a href="https://www.linkedin.com/posts/tartu-observatory_university-of-tartu-led-consortium-embarks-activity-7005532816725708800-9WzK?utm_source=share&amp;utm_medium=member_desktop">https://www.linkedin.com/posts/tartu-observatory_university-of-tartu-led-consortium-embarks-activity-7005532816725708800-9WzK?utm_source=share&amp;utm_medium=member_desktop</a>
UTARTU	6	New about the EXOHOST project	Jan 2023	News on the webpage of Tartu Observatory	Research communities	Event (conference, meeting, workshop, internet debate, round table, group discussion, etc.)	200	Delivered	<a href="https://kosmos.ut.ee/en/exoplanets-and-stars">https://kosmos.ut.ee/en/exoplanets-and-stars</a>

UTARTU	7	Twitter post 14.02.2023	14.02.2023	Kick-off meeting at Tartu Observatory	Citizens	Social media	52	Delivered	<a href="https://twitter.com/tartuobs/status/1625427004353925121?s=46&amp;t=HHHlIgM5vDWSp8kF03i6bA">https://twitter.com/tartuobs/status/1625427004353925121?s=46&amp;t=HHHlIgM5vDWSp8kF03i6bA</a>
UTARTU	8	Facebook post 14.02.2023	14.02.2023	Kick-off meeting at Tartu Observatory	Citizens	Social media	45	Delivered	<a href="https://www.facebook.com/tartuobservatory/posts/pfbid02FedZP7dQKS3UjUyKtVY6gFx8JWmaonjveDadjTZrjJpykuvQXEE4WqiqNpGfDEol">https://www.facebook.com/tartuobservatory/posts/pfbid02FedZP7dQKS3UjUyKtVY6gFx8JWmaonjveDadjTZrjJpykuvQXEE4WqiqNpGfDEol</a>
UTARTU	9	News about the EXOHOST Kick-off Meeting	21.02.2023	21.02.2023 News article about EXOHOST Kick-off meeting at Tartu Observatory on 14.-15.02.2023	Research communities	Website	200	Delivered	<a href="https://kosmos.ut.ee/en/exohost-kick-off-meeting-tartu-observatory-toravere">https://kosmos.ut.ee/en/exohost-kick-off-meeting-tartu-observatory-toravere</a>
UTARTU	10	Article in a newspaper	23.02.2023	Rahvuslik ja rahvusvaheline täheteadus (National and international astronomy) by Laurits Leedjärv. Maaleht, 8 (1846), 23 February 2023 (Maaleht is a weekly newspaper in Estonian)	Citizens	Media article	50000	Delivered	<a href="https://maaleht.delfi.ee/artikkel/120146168/rahvuslik-ja-rahvusvaheline-taheteadus">https://maaleht.delfi.ee/artikkel/120146168/rahvuslik-ja-rahvusvaheline-taheteadus</a>
UTARTU	11	Facebook post 23.02.2023	23.02.2023	Kick-off meeting at Tartu Observatory	Citizens	Social media	36	Delivered	<a href="https://www.facebook.com/tartuobservatory/posts/pfbid0314tZ1yPtvmvctk8cr2m7AFisdGpt6ZvoaxtLwzg6ANQMcxDuQ6vHtYeMgW8BvCW7l">https://www.facebook.com/tartuobservatory/posts/pfbid0314tZ1yPtvmvctk8cr2m7AFisdGpt6ZvoaxtLwzg6ANQMcxDuQ6vHtYeMgW8BvCW7l</a>
UTARTU	12	Radio broadcast	05.03.2023	Laurits Leedjärv talked about studies of exoplanets and their host stars in the context of EXOHOST project in the radio broadcast "Labor"	Citizens	TV/Radio campaign	60000	Delivered	

UTARTU	13	Science Day	24.03.2023	Heleri Ramler talked about exoplanets and their host stars in the context of EXOHOST project at the Science Day of Rannu School (Tartu County).	Specific user communities (if applicable)	Event (conference, meeting, workshop, internet debate, round table, group discussion, etc.)	120	Delivered	
UTARTU	14	Lecture course talk	28.03.2023	Laurits Leedjärv briefly introduced EXOHOST project to the students of the University of Tartu in the lecture course "Universe for everybody"	Research communities	Event (conference, meeting, workshop, internet debate, round table, group discussion, etc.)	25	Delivered	
UTARTU	15	ETAg Twinning Conference	26.04.2023	Estonian Research Council organized all-Estonian meeting of the participants of Twinning projects in the conference centre of the University of Tartu Library. Laurits Leedjärv introduced aims and gained experience of the EXOHOST project and participated in the panel discussion.	Research communities	Event (conference, meeting, workshop, internet debate, round table, group discussion, etc.)	100	Delivered	
UTARTU	16	Instagram post 26.04.2023	26.04.2023	Introduction to the EXOHOST team on Instagram	Citizens	Social media	23	Delivered	<a href="https://www.instagram.com/p/CrfefqJLxRN/?utm_source=ig_web_copy_link&amp;igshid=MzRIODBiNWFIZA==">https://www.instagram.com/p/CrfefqJLxRN/?utm_source=ig_web_copy_link&amp;igshid=MzRIODBiNWFIZA==</a>
UTARTU	17	Instagram post 26.04.2023	26.04.2023	Laurits Leedjärv briefly introduced EXOHOST project at a conference.	Citizens	Social media	36	Delivered	<a href="https://www.instagram.com/p/Crf3ngmLccp/?utm_source=ig_web_copy_link&amp;igshid=MzRIODBiNWFIZA==">https://www.instagram.com/p/Crf3ngmLccp/?utm_source=ig_web_copy_link&amp;igshid=MzRIODBiNWFIZA==</a>

UTARTU	18	Instagram post 09.05.2023	09.05.2023	1st RET visit (Tõravere)	Citizens	Social media	42	Delivered	<a href="https://www.instagram.com/p/CsCDNVhLJbl/?utm_source=ig_web_copy_link&amp;igshid=MzRIODBiNWFIZA==">https://www.instagram.com/p/CsCDNVhLJbl/?utm_source=ig_web_copy_link&amp;igshid=MzRIODBiNWFIZA==</a>
UTARTU	19	Talk about exoplanets, including the EXOHOST project	10.08.2023	Laurits Leedjärv talked at the Astronomy Festival 2023 (Otepää)	Citizens	Event (conference, meeting, workshop, internet debate, round table, group discussion, etc.)	80	Delivered	
UTARTU	20	Instagram post 20.09.2023	20.09.2023	Research Management Workshop (Vienna)	Citizens	Social media	287	Delivered	<a href="https://www.instagram.com/p/CxaGCixNsfv/?utm_source=ig_web_copy_link&amp;igshid=MzRIODBiNWFIZA==">https://www.instagram.com/p/CxaGCixNsfv/?utm_source=ig_web_copy_link&amp;igshid=MzRIODBiNWFIZA==</a>
UTARTU	21	Instagram post 27.09.2023	27.09.2023	Stellar Spectroscopy Workshop (Tõravere)	Citizens	Social media	307	Delivered	<a href="https://www.instagram.com/p/CxsAPgEtqV6/?utm_source=ig_web_copy_link&amp;igshid=MzRIODBiNWFIZA==">https://www.instagram.com/p/CxsAPgEtqV6/?utm_source=ig_web_copy_link&amp;igshid=MzRIODBiNWFIZA==</a>
UTARTU	22	Popular-scientific article	Dec-23	Article by Laurits Leedjärv "Our common exoplanets" (in Estonian) in the Calendar of Tartu Observatory, including a brief description of the EXOHOST project	Citizens	Media article	400	Delivered	
UTARTU	23	Lectures at University of Tartu	Jan-24	Alexandra Lehtmets gave 2 lectures at University of Tartu Astrobiology course	Research communities	Lecture	40	Delivered	

UTARTU	24	Seminar "Discovering the Universe from Estonia"	11.01.2024	Presentation by Anna Aret "Ariel Mission in Estonia: From stars to exoplanets"	National authorities	Event (conference, meeting, workshop, internet debate, round table, group discussion, etc.)	30	Delivered	<a href="https://etag.ee/en/event/seminar-esa-space-science-in-estonia/">https://etag.ee/en/event/seminar-esa-space-science-in-estonia/</a>
UTARTU	25	Instagram post 11.01.2024	11.01.2024	At the seminar "Discovering the Universe from Estonia" (organized by the Estonian Research Council) Prof. Anna Aret had an incredible opportunity to present an overview of the EXOHOST project's main science objectives to ESA Science Director Prof. Carole Mundell.	Citizens	Social media post	28	Delivered	<a href="https://www.instagram.com/p/C1-CYIgNQdZ/?utm_source=ig_web_copy_link&amp;igsh=MzRIODBiNWFIZA==">https://www.instagram.com/p/C1-CYIgNQdZ/?utm_source=ig_web_copy_link&amp;igsh=MzRIODBiNWFIZA==</a>
UTARTU	26	Shamakhy Astrophysical Observatory seminar	21.02.2024	Presentation by Anna Aret "Tartu Observatory: past, present and future"	Research communities	Event (conference, meeting, workshop, internet debate, round table, group discussion, etc.)	60	Delivered	
UTARTU	27	Maarjavälja Career Day	21.02.2024	Alexandra Lehtmets introduced the Exohost project at Maarjavälja career day at the University of Tartu to promote STEM education	Citizens	Event (conference, meeting, workshop, internet debate, round table, group discussion, etc.)	100	Delivered	

UTARTU	28	Conference reg. announcement via LinkedIn	26.02.2024	Registration is open for the Exploring Star-Planet-Disk Connections Conference (In English)	Research communities	Social media post	1000	Delivered	<a href="https://www.linkedin.com/feed/update/urn:li:activity:7300414109265620992">https://www.linkedin.com/feed/update/urn:li:activity:7300414109265620992</a>
UTARTU	29	Delta Career Day	28.02.2024	Delta career day at the University of Tartu to promote IT and math education. Anni Kasikov and Alexandra Lehtmets introduced Exohost and other stellar physics projects.	Citizens	Event (conference, meeting, workshop, internet debate, round table, group discussion, etc.)	300	Delivered	
UTARTU	30	Estonian Academy of Sciences - yearbook XXIX (56)	Mar-24	EXOHOST project mentioned as an important milestone in the accomplishments of the year 2023 for Tartu Observatory.	Research communities	Other	600	Delivered	<a href="https://www.akadeemia.ee/publication/eesti-teaduste-akadeemia-aastaraamat-faktid-ja-arvud-xxix-56-2023/">https://www.akadeemia.ee/publication/eesti-teaduste-akadeemia-aastaraamat-faktid-ja-arvud-xxix-56-2023/</a>
UTARTU	31	Talking about astronomy at high school	06.03.2024	Anni Kasikov and Alexandra Lehtmets went to R�pina school to talk about astronomy for elementary, secondary and high schoolers.	Citizens	Event (conference, meeting, workshop, internet debate, round table, group discussion, etc.)	210	Delivered	<a href="https://vg.rapina.ee/uudised/koos-kosmosesse/">https://vg.rapina.ee/uudised/koos-kosmosesse/</a>
UU	32	News at Uppsala University webpage	19.03.2024	On March 12-14, 2024, astronomers from Tartu Observatory visited the �ngstr�m laboratory at Uppsala University within the twinning project EXOHOST 2024.	Research communities	Press release	600	Delivered	<a href="https://www.physics.uu.se/news/newspage/?taContentId=1080884">https://www.physics.uu.se/news/newspage/?taContentId=1080884</a>

UTARTU	33	Instagram post 28.03.2024	28.03.2024	EXOHOST seminars are a series of seminars that are dedicated to stellar physics research and exoplanet host star studies.	Citizens	Social media post	288	Delivered	<a href="https://www.instagram.com/p/C5EmXSjL-28/?utm_source=ig_web_copy_link&amp;igsh=MzRIODBiNWFiZA==">https://www.instagram.com/p/C5EmXSjL-28/?utm_source=ig_web_copy_link&amp;igsh=MzRIODBiNWFiZA==</a>
UTARTU	34	Instagram post 04.04.2024	04.04.2024	Uppsala University recently hosted the instrumentation and spectral surveys workshop, where the students could learn from experts about modern tools for stellar spectroscopy and gain skills in writing observing time proposals for world's biggest telescopes.	Citizens	Social media post	272	Delivered	<a href="https://www.instagram.com/p/C5VyMQgC3KC/?utm_source=ig_web_copy_link&amp;igsh=MzRIODBiNWFiZA==">https://www.instagram.com/p/C5VyMQgC3KC/?utm_source=ig_web_copy_link&amp;igsh=MzRIODBiNWFiZA==</a>
UTARTU	35	Press release	22.04.2024	University of Tartu press release on the Ariel Consortium meeting to be held in Tartu on April 23-26, 2024	Citizens	Press release	300	Delivered	<a href="https://ut.ee/et/sisu/tartu-muutub-aprilli-lopus-kosmosemissiooni-keskuseks">https://ut.ee/et/sisu/tartu-muutub-aprilli-lopus-kosmosemissiooni-keskuseks</a>
UCL	36	TV broadcast	22.04.2024	Mihkel Kama gave an interview in the morning program of the Estonian National TV on exoplanet research.	Citizens	TV/Radio campaign	100000	Delivered	<a href="https://novaator.err.ee/1609320543/linnutee-galaktikas-tekib-igal-aastal-vahemalt-uks-uus-eksoplaneet">https://novaator.err.ee/1609320543/linnutee-galaktikas-tekib-igal-aastal-vahemalt-uks-uus-eksoplaneet</a>
UTARTU	37	Interview to the newspaper	24.04.2024	Laurits Leedjärv talked to the journalist about the Ariel consortium meeting to be held in Tartu.	Citizens	Media article	10000	Delivered	<a href="https://tartu.postimees.ee/8006968/toravere-tahefuusikud-aitavad-leida-elu-marke-universumis">https://tartu.postimees.ee/8006968/toravere-tahefuusikud-aitavad-leida-elu-marke-universumis</a>
UTARTU	38	Interview to the newspaper	26.04.2024	Laurits Leedjärv gave a longer talk to the journalist on state-of-the-art of exoplanet research.	Citizens	Media article	10000	Delivered	<a href="https://tartu.postimees.ee/8008464/tark-tartu-lahim-elukolblik-planeet-jaab-maast-vaid-4-3-valgusaasta-kaugusele">https://tartu.postimees.ee/8008464/tark-tartu-lahim-elukolblik-planeet-jaab-maast-vaid-4-3-valgusaasta-kaugusele</a>

UCL	39	Interview to the media portal	27.04.2024	Giovanna Tinetti gave an interview to the Estonian National Broadcasting Company science portal.	Citizens	Media article	10000	Delivered	<a href="https://novaator.err.ee/1609325826/planeedikutt-maavaline-elu-voib-oilmitseda-ka-eksootilise-keemiaga-planeedil">https://novaator.err.ee/1609325826/planeedikutt-maavaline-elu-voib-oilmitseda-ka-eksootilise-keemiaga-planeedil</a>
UTARTU	40	Physics, chemistry and material science introductory day	08.05.2024	Introductory day at the University of Tartu, Anni Kasikov gave a presentation	Citizens	Event (conference, meeting, workshop, internet debate, round table, group discussion, etc.)	20	Delivered	
UTARTU	41	Popular-scientific article	24-Jul	Laurits Leedjärv, "Elu parimas võimalikus maailmas" (Life in the best of possible worlds), article on exoplanets and their host stars in the journal "Akadeemia" (in Estonian)	Citizens	Media article	3000	Delivered	<a href="https://www.akad.ee/2024/07/14/akadeemia-nr-7-2024/">https://www.akad.ee/2024/07/14/akadeemia-nr-7-2024/</a>
UTARTU	42	Astronomy Festival 2024	12.08.2024	Alexandra Lehtmets gave a presentation at Astronomy Festival in Estonia, 12.08.2024	Citizens	Lecture/talk	100	Delivered	
UTARTU	43	Popular-scientific article	24-Sep	Laurits Leedjärv, "Õpime tähti tundma!" in kids' magazine "Täheke" (in Estonian)	Citizens	Media article	10000	Delivered	
UTARTU	44	TV broadcast	13.09.2024	Anna Aret gave an interview about exoplanets and EXOHOST in the Estonian Public Broadcasting morning programme	Citizens	TV/radio campaign	55000	Delivered	<a href="https://jupiterpluss.err.ee/1609452926/tartuska-ja-observatorija-otmechaet-60-letie">https://jupiterpluss.err.ee/1609452926/tartuska-ja-observatorija-otmechaet-60-letie</a>



## D5.5 | REPORT ON D&C ACTIVITIES

UTARTU	45	Researcher's Night	27.09.2024	Alexandra Lehtmets gave a talk at International Researcher's Night at Tartu Observatory, 27.09.2024	Citizens	Lecture/talk	25	Delivered	
UTARTU	46	Lecture on exoplanets	27.11.2024	Lecture "Other suns, other worlds" in the university for elderly people (Väärikate Ülikool) in Valga	Citizens	Lecture	100	Delivered	
UTARTU	47	Conference announcement in LinkedIn	12.12.2024	Announcement for the Exploring Star-Planet-Disk Connections Conference (In English)	Research communities	Social media post	1000	Delivered	<a href="https://www.linkedin.com/feed/update/urn:li:activity:727306368880693248">https://www.linkedin.com/feed/update/urn:li:activity:727306368880693248</a>
UTARTU	48	Conference information on the NASA Science webpage	2025	Event information on the NASA Science webpage	Research communities	Webpage	10000	Delivered	<a href="#">Exploring Star-Planet-Disk Connections Conference - NASA Science</a>
UTARTU	49	Conference information on Space Agenda	2025	Event information on Space Agenda	Research communities	Webpage	10000	Delivered	<a href="https://www.spaceagenda.com/events/tag/astronomy/day/2025-10-14/">https://www.spaceagenda.com/events/tag/astronomy/day/2025-10-14/</a>
UTARTU	50	Conference information on Planetary Exploration Newsletter	2025	Event information on Planetary Exploration Newsletter	Research communities	Webpage	10000	Delivered	<a href="https://planetarynews.org/meetings.html">https://planetarynews.org/meetings.html</a>
UCL	51	Widening participation in science (ORBYTS)	2025	EXOHOST contribution to a modelling code used in an outreach / student project setting by a project participant (Anna Thomas)	Students	Face-to-face workshops	500	Delivered	
UTARTU	52	Conference webpage	Feb-25	Official webpage for the EXOHOST Final Conference Exploring Star-Planet-Disk Connections was created	Research communities	Webpage	500	Delivered	<a href="https://exohost2025.ut.ee/">https://exohost2025.ut.ee/</a>

UTARTU	53	Radio broadcast	10.02.2025	Laurits Leedjärv talked about exoplanets, EXOHOST project and ESA Ariel mission in the Radio Kuku programme "Kuue samba taga" (Behind the six columns)	Citizens	TV/radio campaign	15000	Delivered	
UTARTU	54	Science night at Barlova	10.02.2025	Alexandra Lehtmets gave a talk "Searches for life on exoplanets" in the Barlova bar, Tartu	Citizens	Lecture/talk	45	Delivered	
UTARTU	55	Lecture on exoplanets	19.02.2025	Laurits Leedjärv gave a lecture at the prize seminar of the journal "Akadeemia"	Citizens	Lecture	75	Delivered	
UTARTU	56	Training event for school students	03.04.2025	Alexandra Lehtmets talked about the work of an astronomer-observer at the final event of "Mission X: train like an astronaut"	School students	Lecture/talk	60	Delivered	
UTARTU	57	Lecture on exoplanets	09.04.2025	Laurits Leedjärv gave two lectures in Viljandi Kesklinna Kool	School students	Lecture	160	Delivered	
UTARTU	58	Reg. Reminder in LinkedIn	22.04.2025	Registration deadline reminder for the Exploring Star-Planet-Disk Connections Conference (In English)	Research communities	Social media post	1000	Delivered	<a href="https://www.linkedin.com/feed/update/urn:li:activity:7320422422103375872">https://www.linkedin.com/feed/update/urn:li:activity:7320422422103375872</a>
UTARTU	59	News at Tartu Observatory webpage	10.10.2025	Announcement about the EXOHOST final conference "Exploring Star-Planet-Disk Connections", Tartu, October 14-17, 2025	Citizens	Press release	210	Delivered	<a href="https://kosmos.ut.ee/et/uudis/tartu-teadlased-aitavad-avada-uksi-kaugete-maailmade-moistmiseks">https://kosmos.ut.ee/et/uudis/tartu-teadlased-aitavad-avada-uksi-kaugete-maailmade-moistmiseks</a>

## D5.5 | REPORT ON D&C ACTIVITIES

UTARTU	60	Day 1 of the Conference via Facebook	14.10.2025	The first day of the Exploring Star-Planet-Disk Connections Conference (In Estonian)	Citizens	Social media post	2700	Delivered	<a href="#">Rahvusvaheline konverents toob... - Tartu observatoorium   Facebook</a>
UTARTU	61	Day 1 of the Conference via LinkedIn	14.10.2025	The first day of the Exploring Star-Planet-Disk Connections Conference (In English)	Citizens	Social media post	1000	Delivered	<a href="https://www.linkedin.com/feed/update/urn:li:activity:7383776118761324544">https://www.linkedin.com/feed/update/urn:li:activity:7383776118761324544</a>
UTARTU	62	Day 1 of the Conference via Instagram	14.10.2025	The first day of the Exploring Star-Planet-Disk Connections Conference (In English)	Research communities	Social media post	1200	Delivered	<a href="https://www.instagram.com/p/DPyN1nzje8V/?utm_source=ig_web_copy_link&amp;igsh=MzRIODBiNWFIZA==">https://www.instagram.com/p/DPyN1nzje8V/?utm_source=ig_web_copy_link&amp;igsh=MzRIODBiNWFIZA==</a>
UTARTU	63	Radio broadcast	15.10.2025	Laurits Leedjärv gave an interview on the EXOHOST project and its final confrence in Raadio Kuku	Citizens	TV/radio campaign	45000	Delivered	
UTARTU	64	News about EXOHOST Conference and Kuku broadcast	16.10.2025	Announcement of the Exploring Star-Planet-Disk Connections Conference and the Radio Show in Kuku. Also about the EXOHOST project partners (In Estonian)	Citizens	Social media post	2700	Delivered	<a href="#">Tartu Ülikooli Tartu observatoorium... - Tartu observatoorium   Facebook</a>
UTARTU	65	Conclusion of the Conference via LinkedIn	17.10.2025	About the conclusion of the Exploring Star-Planet-Disk Connections Conference with photos (In English)	Research communities	Social media post	1000	Delivered	<a href="https://www.linkedin.com/feed/update/urn:li:activity:7384919122670850048">https://www.linkedin.com/feed/update/urn:li:activity:7384919122670850048</a>
UTARTU	66	Mari-Liis Aru in Vikerraadio "Labor"	19.10.2025	Participant of the Exploring Star-Planet-Disk Connections Conference, Mari-Liis Aru, gave an interview about her research in the field (In Estonian)	Citizens	Radio boradcast	60000	Delivered	<a href="https://vikerraadio.err.ee/1609821313/labor-planeedi-tekke-ketas/7f4cf5fe326a8ac52a61e793a6e00d86">https://vikerraadio.err.ee/1609821313/labor-planeedi-tekke-ketas/7f4cf5fe326a8ac52a61e793a6e00d86</a>

UTARTU	67	Mari-Liis Aru via Instagram	20.10.2025	Participant of the Exploring Star-Planet-Disk Connections Conference, Mari-Liis Aru, made a post about the conference on her Instagram account (In English)	Citizens	Social media post	17400	Delivered	<a href="https://www.instagram.com/p/DQCXfXYjAOg/?utm_source=ig_web_copy_link&amp;igsh=MzRlODBiNWFiZA==">https://www.instagram.com/p/DQCXfXYjAOg/?utm_source=ig_web_copy_link&amp;igsh=MzRlODBiNWFiZA==</a>
UTARTU	68	Summary of the Conference via Facebook	24.10.2025	Summary of the Exploring Star-Planet-Disk Connections Conference on tartu Observatory page (In English)	Citizens	Social media post	2700	Delivered	<a href="#">The Exploring Star–Planet–Disk... - Tartu observatoorium   Facebook</a>
UTARTU	69	Radio broadcast	26.10.2025	Laurits Leedjärv gave an overview of the EXOHOST project and its final conference in Vikerraadio, "Labor"	Citizens	TV/radio campaign	60000	Delivered	<a href="#">Mis peitub lühendite EXOHOST ja... - Tartu observatoorium   Facebook</a>
UTARTU	70	News about Vikerraadio broadcast	28.10.2025	Post about the radio show in Vikerraadio (in Estonian)	Citizens	Social media post	2700	Delivered	
UTARTU	71	Lecture on exoplanets	10.12.2025	Laurits Leedjärv gave a lecture "Other suns, other worlds" in Tartu centre for elderly people	Citizens	Lecture	45	Delivered	