



ZOE KARAMANIDE | SUPPORT TECHNICIAN H&T LABS SUPPORT TEAM

# Meet the H&T Labs support team

PHOTOS: BART VAN OVERBEEKE

## THE TEAM IN A NUTSHELL

If you visit the south side of the 9th floor of the Atlas building, you will come across the Humans and Technology Labs (H&T Labs) support team: an autonomous group within the Faculty of IE&IS which has recently expanded and welcomed three new members. The group was created with the vision of acquiring the human resources and expertise required to support the expansion of the services offered to various parties within TU/e. Currently, the H&T Labs support team consists of 4 employees and is in charge of the smooth operation, maintenance and development of 8 labs and 2 living labs.

## THE H&T LABS

The 8 labs managed by the team span almost half of the 9th floor of the Atlas building and include, amongst others, a Social Robotics, a Virtual Reality and a Lighting lab. The Lighting Lab is equipped with controllable lighting facilities that can be used for researching the effect of varying lighting conditions on the participants. An example of such device is the ColorBox, which can be used to stimulate participants with light of variable spectral composition. The 2 living labs falling under the group's responsibilities are the Atlas and Markthal living labs. All H&T labs are open for use by members of IE&IS but it is worth nothing that the living labs are open to the entire TU/e research community. For the interested reader, more details about the infrastructure, the equipment found within the H&T labs and the related user costs can be found at <https://htilabs.ieis.tue.nl/laboratories.html>.

## THE TEAM MEMBERS

**Nasir Abed** was appointed as the head of the H&T Labs support team and his goal is to ensure the continuous improvement of the group's services, the formation of new partnerships and the efficient use of the financial resources available to the group. As a software engineer, he is also responsible for the development and administration of two online experiment and participant management

systems used within the Faculty of IE&IS - the Archie and the JFS Participant database.

**Nikolina Molnar** is contributing a lot of technical expertise to the team with her background in Electronics Engineering. She has assumed the role of the coordinator of the Atlas Living Labs and the manager of the HTI Lighting lab. Her technical duties concern the development of hardware and software for prototypes used by students and researchers working with light technology such as the Colorbox, LED-based devices and light sensors.

**Vadym Markelov** has joined the team to bring in Full-Stack and DevOps software engineering experience from the modern industry. As a senior research software engineer, his focus is currently the GameBus project - a platform that rewards team for playing while collecting valuable data - he is maturing application code and architecture to facilitate the requirements of the researchers.

**Zoe Karamanide** has joined the H&T Labs support team as a support technician. Her main responsibilities surround the management, maintenance and smooth operation of the group's labs and equipment. She should be contacted for matters related to lab usage and availability and reservations of equipment. ■

