

Intelligent Lighting @ TU/e innovation Space



Welcome to the student edition of the Intelligent Lighting @ TU/e innovation Space newsletter. We update you on the upcoming activities in the community.



## Newsletter iS Lighting

April 2023

Here we are again with a special newsletter for students with an interest in lighting. We aim to bring students that are interested in lighting together, so we can share ideas, solve challenges, create opportunities, learn a lot and have fun! Team IGNITE is now growing and has multiple inspiring projects and invites you to join the team or their upcoming events. If you want to be involved, let [us](#) know!

Please forward this mail to people you think may be interested. They can register themselves for the newsletter via [ili@tue.nl](mailto:ili@tue.nl).

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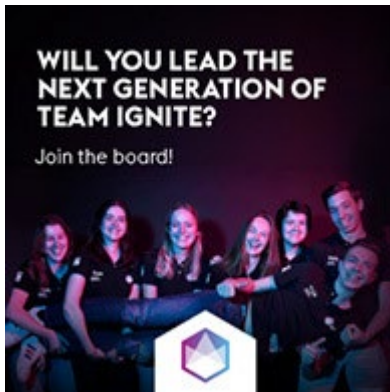
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### Paper Trails at Eindhoven Airport

Paper planes, we've all made them. These 'Paper Trails' of light from the student team IGNITE, move naturally with you. From your arrival to your next destination, an airplane is a symbol for bringing people to where they want to be. And in this case, the luminous trail leads arrivals at the airport to the exit and right into the city of Eindhoven. Since March this year, these 'Paper Trails' are featured in an exhibition at Eindhoven Airport where the Eindhoven University of Technology presents various student teams and spin-offs.

'Paper Trails' is a take on crowd flow management, by creating a designated pathway with lights. People can be guided towards specific areas, along specific routes, or away from overcrowded places by controlling the flow of visitors and improving their overall travel experience. With its changing colors and movement toward the exit it creates a comprehensive strategy for managing crowd flows in a playful and subtle way.





### Join the Team IGNITE board 2023-2024

Although the official start of the new board of Team IGNITE is still far ahead in the future, it is never too early to think about your plans for next year! Are you interested in discovering the powerful combination of creativity and technology? Or can you not wait to apply or develop your leadership skills by being involved in the management of a student team, both internally within the team and through the exposure of the team to the outer world? Or do you simply want to become part of a close student community? Hesitate no longer, and [plan a coffee date](#)! During this meeting, you will explore your potential and preferences with one of the team members to make sure you make the right decisions. The team is notably in search of a Financial manager, Internal Relations manager and Team manager, however, feel free to contact us for any interests!

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### GLOW Academy #2: a step closer to GLOW 2023

Last week, the second edition of the GLOW Academy has been hosted, an evening full of inspiring light design experts and an internal deadline for the Team IGNITE project teams to present their progress and receive feedback. Other than experiencing a unique behind-the-scenes of GLOW Eindhoven, this is an eventful and valuable evening that the project teams

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will strategically use to move to the next iteration phases of the prototyping phase. This emphasizes the key to a design process: daring to try, reflect and iterate. The team cannot wait to invite you to experience the potential of light during GLOW 2023!



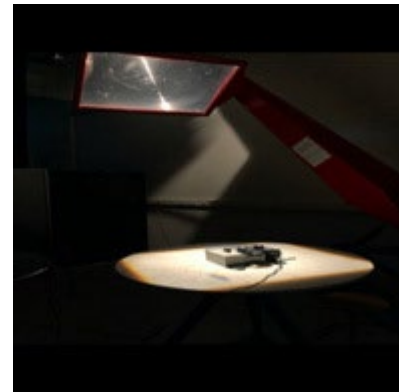
### Join Light Night #7 at Team IGNITE

On **May 10** Team IGNITE hosts the 7<sup>th</sup> edition of Light Night, an open brainstorming event in which all students can participate without requiring prior knowledge. You will get to meet our team, be inspired by a guest speaker, and spark innovative light design ideas for one or more of our current projects. Can you not wait to get a sneak peek of new projects and inspire IGNITE with your wonderful ideas? Make sure to be there or follow our [social media](#) for updates on upcoming events!

### Advancing the sun simulator set-up

In the ISBEP course (starting in September) the lighting challenge is about the sun simulator. We spend 90% of our time indoors. Therefore it is important to design indoor spaces that allow sunlight to enter. On the TU/e campus, a solar simulator setup is used for allowing people to experience visually and physically the

presence of sunlight in indoor spaces. The simulator is however massively outdated, and new ways of demonstrating physically the presence of light in buildings is needed. The system can make use of both new and existing components. In this challenge, the student team will be working on advancing and developing new ideas for the sun simulator. The overall goal would be to have a modernized sun simulator to enthuse students for the field of (day)lighting, to support urban design and architecture students in their daylight analyses, and to contribute to research into the field of radio- and photometry. More information will be available in due course.



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### Master Certificate Programme

Good news for master students. The certificate program Intelligent Lighting Design is approved! Due to the digitisation of lighting and its embedding in the rapidly growing fields of IoT, intelligent lighting is becoming an important element, for its potential to impact energy saving (smart buildings), safety (smart cities) and the user (health and well-being). This program prepares future engineers and designers that have the knowledge and skills to balance sustainability and user demands and optimise both. More information will follow soon. We are currently working on updating the information in Osiris and the website. The certificate program is available from September

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2023 onwards, and starts with the course Lighting Technology (7S880). If you are interested in the programme, please drop an [e-mail](#).

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## Upcoming Events

- Paper Trails at Eindhoven Airport: March - July
- Light Night #7: May 10



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### Contact

ILI  
Atlas 3.424  
5612 AZ Eindhoven

TU/e innovation Space  
Matrix-Floor 1  
5612 AZ Eindhoven

### Learn more

- ▶ [Intelligent Lighting Institute \(ILI\)](#)
- ▶ [TU/e innovation Space](#)
- ▶ [Team IGNITE](#)

### Colophon

Newsletter iS Lighting is a digital newsletter of Intelligent Lighting Institute.

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