# learnT DTU Conference 2019
## The 4th Conference on Digital Learning Technology at DTU Compute

learnT invites researchers, students and all interested in future learning technology from knowledge institutions, companies, schools, high schools, etc. to our 4th Conference on Digital Learning Technology at DTU Compute. Three years ago, we opened learnT – Centre for Digital Learning Technology at Compute.

**Date:** November 15, 2019 at 09.00-12.30  
**Place:** DTU Skylab, Building 373A, Diplomvej, 2800 Kgs. Lyngby

Registration by Monday November 11, 2019 via this link:

### Program

<table>
<thead>
<tr>
<th>Time</th>
<th>Activities</th>
</tr>
</thead>
</table>
| 9.00-10.30 | • Welcome to 3 year's birthday at LearnT, DTU Compute: Per B. Brockhoff, Head of DTU Compute and Helle Rootzén, Professor at DTU Compute and Head of learnT  
|          | • Michelle ten Pas, MSc student Design & Innovation at DTU: Designing an Intelligent Writing Guide to increase differentiation in the classroom  
|          | • Niklas Hall, CEO Acumex: Learning in a business  
|          | • Kent Valentin Fallesen, Founder & CEO uQualio®: Video eLearning – an easy, fast, inexpensive and doable eLearning methodology and platform for all sizes of companies  
|          | • Annemette Broch, Founder & Chairman of the board, Data for Good Foundation: D-box: How to empower individuals with their own data |
| 10.30-10.50 | Break |
| 10.50-12.00 | • Ada L. Stein facilitates a panel debate: Engaging and Activating Diversity  
|          | • Ole Kjeldal Jensen, CEO Ampersand and Marios Lokas: AR in Learning  
|          | • Sofie Rasmussen, Project Leader, learnT DTU: Smart Greater Copenhagen – Developing a continuing education concept for enhancing digital competencies. |
| 12.00-12.30 | Light lunch |
learnT – Centre for Digital Learning Technology – is a research and innovation centre at DTU Compute. It is placed together with strong research environments within statistics, machine learning, artificial intelligence, internet of things and software development. In learnT, we work with learning analytics, educational data mining, learning design, learning theories, playful learning and ethics, as these areas are highly relevant to understand learning and develop effective, motivational and fun learning technology. learnT and DTU Compute’s technological starting point enables our students not only to design and improve concepts but also to create future learning technology based on their technical knowledge and ability.

learnT e.g. researches on how we combine virtual learning opportunities with the learning processes that best occur in the physical world, both between students, between students and teachers and in more informal learning environments. An example of this is the investigation of how VR environments can support people with dementia to enhance well-being and reduce anxiety.

Digital learning technologies produce large amounts of data that can be used to improve existing technologies, and to provide completely new opportunities for deeper learning processes and more suitable education. learnT researches learning analytics and educational data mining to develop methods that consider and are based on the individual student’s level and allow teachers to better understand their students’ learning patterns, thus supporting them in a data-based and more qualified way.

For learnT, another focus area is how future young people will become digital producers and learn about computational thinking.

To promote the combination of research-based knowledge and the development of innovative learning technology, learnT has collaborated with a wide range of companies, both broadly and specifically within EdTech. We prioritise the guidance of student projects in cooperation with real-world companies.

In the future, we will need to learn continuously - a focus on ‘lifelong learning’ is thus important. Accordingly, learnT researches at all levels, from primary and lower secondary education to youth education, university education and continued education.

www.learnt.dtu.dk