

## **TEC Talks**

### **By Fontys and Night of the Nerds**

The TEC Talks focus on current topical themes in science and research. In addition to knowledge and information, surprising new insights and perspectives are also given. TEC stands for Technology, Entrepreneurship and Creativity - important themes for Night of the Nerds and Fontys. The TEC Talks take you on a journey through a world of elves and trolls, robot colleagues, the rise of voice, serious gaming and technology philosophy.

Be surprised and get inspired!

#### **Speakers and Topics**

Time: 18.30 - 19.45

Language: English

Chairman: Rens van der Vorst

#### **Daniëlle Arets - Elves instead of Trolls, Fighting disinformation**

The increase and impact of disinformation has garnered a lot of interest since the U.S. presidential election in 2016. Experiments have been conducted worldwide since then with innovative forms of fact checking and verification. But unfortunately fake news is still on the rise. The Dutch government is afraid that it will also have consequences for, for example, the European elections. What can we do to prevent this?

#### **Geert Jan Ouwendorp- The Wicked World of Voice Systems**

Since the introduction of Google Home in The Netherlands in October last year, voice is on the rise. More and more people use it to control their lights, play music or retrieve fun facts. But there are other, weirder things you can do with voice...

#### **Marijke Bergman - A robot as a colleague: Friend or foe?**

Robots are increasingly present in daily life and at work. In industrial environments, robots are almost close colleagues. How can we work with robots as a teammate? What is important for a pleasant and effective collaboration? We look at the role of trust, sense of security, communication and coordination between man and machine.

#### **Bas Dirkson - The relevance of Serious gaming; Windtales a practical case in healthcare**

Serious games and gamification are games with an additional meaning. They play an important role in education, behavioral science, in leadership and sales training and in health care. In this presentation you will get an introduction to this fascinating world, the major developments and how they can impact you.

#### **Rens van der Vorst - Why Smartphones are the New Smoking**

Today we understand that people who smoke too much are victims of a cunning tobacco industry. There have even been a few court cases. But are people who use their phones too much also victims? And does this mean that there are lessons to be learned from the history of smoking. Rens van der Vorst thinks so and makes a compelling argument!