



**Guest Lecture**

**David Kotz**

**Dartmouth Center for Technology  
and Behavioral Health**

Tuesday, 14 December 2021, 11:00am - 12:00pm, CET

Zoom: [ethz.zoom.us/j/68885039732](https://ethz.zoom.us/j/68885039732)

## About David Kotz

David Kotz is the Interim Provost, the Pat and John Rosenwald Professor in the Department of Computer Science, and the Director of Emerging Technologies and Data Analytics in the Center for Technology and Behavioral Health, all at Dartmouth College. He previously served as Associate Dean of the Faculty for the Sciences and as the Executive Director of the Institute for Security Technology Studies. His research interests include security and privacy in smart homes, pervasive computing for healthcare, and wireless networks. He has published over 230 refereed papers, obtained \$89m in grant funding, and mentored nearly 100 research students. He is an ACM Fellow, an IEEE Fellow, a 2008 Fulbright Fellow to India, a 2019 Visiting Professor at ETH Zürich, and an elected member of Phi Beta Kappa. He received his AB in Computer Science and Physics from Dartmouth in 1986, and his PhD in Computer Science from Duke University in 1991.

## About the Lecture

The Center for Technology and Behavioral Health (CTBH) is an NIH-funded center of excellence at Dartmouth College in New Hampshire, USA. The CTBH team shares a goal of harnessing existing and emerging technologies to effectively develop and deliver evidence-based interventions for substance use and co-occurring disorders. In the first part of this talk, I will present an overview of CTBH and an update on its recently approved five-year plan and renewal funding. In the second part of this talk, I will describe two ongoing research projects; in the first, a wearable device for the detection of eating-related behavior in free-living conditions (Auracle); in the second, a study of methods for developing digital phenotypes of persons undergoing treatment for opioid-use disorder (DTECT), with the aim of predicting when a patient may relapse or drop out of their treatment plan.

We kindly invite you to join this guest lecture.

### **Prof. Dr. Tobias Kowatsch**

Assistant Professor for Digital Health, University of St.Gallen

Scientific Director, Centre for Digital Health Interventions, ETH Zurich & University of St.Gallen

### **Prof. Dr. Elgar Fleisch**

Professor of Information Management, Department of Management, Technology, and Economics, ETH Zurich

Professor of Technology Management, Institute of Technology Management, University of St.Gallen

Co-Chair, Centre for Digital Health Interventions, ETH Zurich & University of St.Gallen

### **Prof. Dr. Florian von Wangenheim**

Professor of Technology Marketing, Department of Management, Technology, and Economics, ETH Zurich

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