
8th Van der Meulen Seminar: “Neural Networks in Communication Systems”

Date: Friday, December 13, 2019

Time: 09:30 - 17:45

Location: Eindhoven University of technology (TU/e), Atlas 6.225

Organizers: Alex Alvarado and Frans M. J. Willems, Eindhoven University of Technology

Details: Attendance is free of charge. Given limited room size, morning part is limited to 40 participants, while afternoon part is limited to 60 participants.

Registration ([here](#)) for attendance is mandatory (before December 6).

Program

09:30 - 10:00 Registration & Welcome Coffee

10:00 - 11:00 Workshop Session I

Hands-on workshop on Python (TensorFlow 2.0), by Kadir Gümüş and Rick M. Büttler

11:00 - 11:15 Coffee Break

11:15 - 12:30 Workshop Session II

Hands-on workshop on Python (TensorFlow 2.0), by Kadir Gümüş and Rick M. Büttler

12:30 - 14:00 Lunch (Suggestion: De Zwarte Doos, not covered by organizers)

14:00 - 14:45 Laurent Schmalen, Karlsruhe Institute of Technology, Germany

Title: “End-to-end Deep Learning of Optical Fiber Communications”

14:45 - 15:30 Christian Häger, Chalmers University of Technology, Sweden

Title: “Model-Based Machine Learning for Fiber-Optic Communication Systems”

15:30 - 16:00 Coffee Break

16:00 - 16:45 Jakob Hoydis, Nokia Bell Labs, France

Title: “Recent Progress in End-to-End Learning for the Physical Layer”

17:00 - 18:30 Closing Drinks (De Zwarte Doos, covered by organizers)
