

Sunday, Aug. 18, 2019

Erlang: Session 1

Yew

9:00 - 9:20am: *Opening* Viktória Fördös and Adrian Francalanza

9:20 - 10:20am: *Introduction to the Erlang Ecosystem Foundation*
Peer Stritzinger

Erlang: Session 2

Yew

10:50 - 11:30am: *Gaining Trust by Tracing Security Protocols*
Lars-Ake Fredlund, Thomas Arts, Clara Benac Earle, and Hans Svensson

11:30am - 12:10pm: *Runtime Type Safety for Erlang/OTP Behaviours* Joseph Harrison

Erlang: Session 3

Yew

1:40 - 2:03pm: *Lux - an expect like test tool written in Erlang* Håkan Mattsson and Cons T Ahs

2:03 - 2:26pm: *Towards Online Profiling of Erlang Systems* Michal Slaski and Wojciech Turek

2:26 - 2:50pm: *Tools supporting green computing in Erlang* Gergely Nagy, Áron Attila Mészáros, István Bozó, and Melinda Toth

Erlang: Session 4

Yew

3:20 - 4:00pm: *Erlang as an enabling technology for resilient general-purpose applications on edge IoT networks* Igor Kopestenski and Peter Van Roy

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4:00 - 4:40pm: *Intro to Web Prolog for Erlangers* Torbjörn Lager

Erlang: Session 5

Yew

5:10 - 5:50pm: *Scaling Erlang Distribution* Adam Lindberg, Sébastien Merle, and Peer Stritzinger

5:50 - 6:10pm: *Closing* Viktória Fördös and Adrian Francalanza

FHPNC: Accelerate

Reindeer

9:00 - 10:00am: *Keynote* Trevor L. McDonell

10:00 - 10:10am: *GSoC Student Report 1* Deifilia To

10:10 - 10:20am: *GSoC Student Report 2* Jesse Sigal

FHPNC: Orthogonal Bases

Reindeer

10:50 - 11:16am: *Generating Efficient FFT GPU Code with Lift*
Bastian Köpcke, Michel Steuwer, and Sergei Gorlatch

11:16 - 11:43am: *Lazy Evaluation in Infinite-Dimensional Function Spaces with Wavelet Basis* Olivier Verdier and Justus Sagemüller

11:43am - 12:10pm: *Functional Approach to Acceleration of Monte Carlo Simulation for American Option Pricing (extended abstract)*
Wojciech Michal Pawlak, Martin Elsmann, and Cosmin Oancea