

BEAT 2

2nd International Workshop on Behavioural Types

Monday, 23 September

- 10:00 **Mario Bravetti, Marco Carbone, Thomas Hildebrandt, Ivan Lanese, Jacopo Mauro, Jorge A. Pérez and Gianluigi Zavattaro.**
Towards global and local types for adaptation.
- 10:30 **Marco Giunti and António Ravara.**
Static deadlock resolution in the pi calculus.
- 11:00 **Coffee Break**
-11:30
- 11:30 **Juliana Franco and Vasco T. Vasconcelos.**
A concurrent programming language with refined session types.
- 12:00 **Hans Hüttel.**
Types for resources in psi-calculi.
- 12:30 **Bogdan Aman and Gabriel Ciobanu.**
Behavioural types inspired by cellular thresholds.
- 13:00 – **Lunch**
14:30
- 14:30 **Ross Horne, Rustem A. Kamun and Timur Umarov.**
Ensuring faultless communication behaviour in an e-commerce cloud application.
- 15:00 **Dimitrios Kouzapas and Anna Philippou.**
A typing system for privacy.
- 15:30 **Giovanni Bernardi and Matthew Hennessy.**
Compliance and testing preorders differ.
- 16:00 – **Coffee Break**
16:30
- 16:30 **Nicholas Ng, Nobuko Yoshida and Wayne Luk.**
Scalable session programming for heterogeneous high-performance systems.
- 17:00 **Eduardo R. B. Marques, Francisco Martins, Vasco T. Vasconcelos, Nicholas Ng, Nuno Dias Martins, César Santos and Nobuko Yoshida**
Specification and verification of protocols for MPI programs.

BEAT 2

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Tuesday, 24 September

- 10:00 **Achim Brucker.**
Invited Lecture: Service compositions: curse or blessing for security
- 11:00 **Coffee Break**
-11:30
- 11:30 **Adrian Francalanza and Joseph Masini.**
Typing actors using behavioural types.
- 12:00 **Violet Ka I Pun, Martin Steffen and Volker Stoltz.**
Behaviour inference for deadlock checking.
- 12:30 **Dimitrios Kouzapas and Nobuko Yoshida.**
Globally governed session semantics.
- 13:00 **Lunch**
-14:30
- 14:30 **Raymond Hu, Romyana Neykova, Nicholas Ng and Nobuko Yoshida.**
Tutorial and demonstration: Distributed governance with Scribble.
- 15:30 **Discussion**
- 16:00 **Coffee Break**
-16:30
- 16:30 **Pierre-Malo Deniérou and Nobuko Yoshida.**
Multiparty compatibility in communicating automata: characterisation and synthesis of global session types.
- 17:00 **Simon Gay.**
Linear types in programming languages: progress and prospects.