Daily ETAPS

The latest news, views, and announcements

– Written by Leona Odole

Wednesday 10 April

Welcome to the third official day of the ETAPS conference! This morning, we will have a pleasure to hear FoSSaCS invited speaker Jérôme Leroux giving the talk "The Petri Net Reachability Problem". After lunch we will have another keynote "The Spin on Spin" which will be delivered by Gerald Holzmann, best known as the developer of the SPIN model checker.

Conference themes today include: Software Verification, Probabilistic Systems, Simulations , and concurrently Neural Network from TACAS; Domain-Specific Languages, Bidirectional typing / Session types, and Dependent Types from ESOP; Automata and Synthesis, Types and Programming Languages from FoSSaCS; Software Verification, **Anniversary Track** and Automated Reasoning, from Spin; Also check out a tool demo session in Europe B after lunch.

Hike

Two buses for the Mullerthal Trail hike will depart at 16:30 from Parc Alvisse. The hike is scheduled to conclude at the venue of the gala dinner. You can expect relaxing walk that will last approximately 90 minutes. Please remember not to leave any belongings on the bus.

Banquet

Busses to the banquet will leave 18:15 from Parc Alvisse. Return busses will leave at 22:45 and some will also stop in the city. We will have a gala dinner at Bel-Air Sport & Wellness Hotel, Echternach.

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Tuesday recap

Tuesday started with our unifying speaker Sandrine Blazy giving a talk on "From Operational Semantics to Verified Compilation".

Yesterday was our first ever **Industry Day**! In addition to exciting talks from scientists in industry, this section of ETAPS also included a **Networking Session.** During this session each participant presented a 1-minute no-slide pitch about their interests and collaborations.

After lunch participants participated in the **AMA** session at the Europe room, where Tamar Sharon and Wolfgang Ahrendt were taking questions on *Ethics, AI and Programming*, followed by Ana Cavalcanti and Gerald Lüttgen answering questions related to *Putting Science on the Political Agenda*.

The afternoon session featured two **Award Nominated Papers**

- Monadic Intersection Types, Relationally – Francesco Gavazzo, Riccardo Treglia and Gabriele Vanoni
- Scalable Tree-based Register Automata Learning - Paul Fiterau-Brostean, Simon Dierl, Falk Howar, Bengt Jonsson, Konstantinos Sagonas and Fredrik Tåquist

Monday recap

On Monday we invited three experts, **Inês Crisóstomo**, **Valérie Schafer**, and **Véronique Schlick**, to talk about Diversity and Inclusion in Computer Science. Focusing specifically on gender inequality, the session started by defining the scope of the problem. As, Inês Crisóstomo added during the discussion ***"Why talk about gender? Because women are not a minority"***. Although making up half of the population women make up around 20% of the scientists within computer science, with even fewer being represented in advanced career positions and positions of power.

Gender inequality also has concrete impacts on the outcomes of research. As Véronique Schlick mentioned in her talk, the previous amazon hiring algorithm was biased against women because it was only trained on the CVs of men. By not including women or thinking about different dimensions of diversity (race, abiliy, etc.), the resulting science is worse.

During the discussion it was brought up that men may not feel included in many of the gender equality efforts. However, every expert emphasized the importance of not mistaking this as an issue relevant only for women. Instead by promoting an overall more inclusive environment, through policy and education, we can strengthen the contributions of computer science research to society and the economy.

Useful information

Useful Information
Wi-Fi, Programme,
Transportation,
Contact Information
and Events in
Luxembourg City

Additionally, here are a few tips to make the conference smoother:

Wi-Fi: Each room at the venue will have its own Wi-Fi with the name being the room name and the password: "Room-name"-1453. There will also be a sign in each room with the Wi-Fi name and password.

Satellite Events and Programmes: You can find all the workshops with link to their webpages and programmes here https://etaps.org/2024/sat-events/

Transportation: Public transportation in Luxembourg is free, please check out www.mobiliteit.lu for schedules.

Contact: If you have any further questions or administrative requests, please feel free to contact us at etaps2024@uni.lu