Federal Chancellery
Republic of Austria

Agenda Scryer Prolog Meetup 2024

Wednesday November 6th

19:00 o'clock | Dinner at the Hotel Stefanie, for those of us who are already here

Thursday November 7th

08:30 - 09:00 | Morning reception, informal exchange

09:00 - 09:15 | Markus Triska: Welcome address, Presentation of Agenda

09:15 - 10:30 | Mark Thom: Recent developments in Scryer Prolog, Q&A

10:30 - 10:45 | Coffee break

10:45 - 11:45 | Adrián Arroyo Calle: Native compilation of Prolog predicates with cranelift

12:00 - 13:00 | Lunch break

13:00 - 14:30 | Torbjörn Lager: The Role of the Raven in the Prolog Trinity Ecosystem: Scryer Prolog Agents on the Web

14:30 - 15:30 | David C. Norris: Applied Category Theory with Scryer Prolog and CLP($\mathbb{Z}$): a case study in dose-escalation

15:30 - 16:00 | Coffee break

16:00 - 17:00 | Michael Compton: Prolog powered data mesh - provable governance, resource provisioning and heterogeneous data access planning

approx. 18:00 | Speakers' dinner at the hotel

Friday November 8th

08:30 - 09:00 | Morning reception, informal exchange

09:00 - 10:00 | Mark Thom: Scryer Shen: Typechecking Shen programs with Scryer Prolog

10:00 - 11:00 | James J. Tolton: Embedded Scryer Prolog Powering Video Game AI

11:00 - 11:10 | Coffee break

11:10 - 12:00 | Christian Jendreiko: Unlocking the generative potential of quantum structures using DCGs

12:00 - 14:00 | Lunch break

14:00 | Walk from the hotel to TU Wien to visit the Prolog laboratory

15:00 - 16:00 | François Fages: Functional notations and set comprehension metapredicates for mathematical modeling in Prolog

16:00 - 18:30 | Presentation of the Prolog teaching environment GUPU by Ulrich Neumerkel

19:30 | Closing dinner at the hotel