	Sunday, August 17
17:00-19:00	***REGISTRATION*** ***WELCOME RECEPTION***
	Monday, August 18
8:00 – 9:00	***REGISTRATION***
9:00 – 10:00	***KEYNOTE I (Session Chair: Sofiène Tahar)*** **Mike Gordon**. ***Twenty Years of Theorem Proving for HOLs***
10:00 – 10:30	***COFFEE BREAK***
10:30 – 12:00	***RESEARCH PAPERS (Session Chair: Tobias Nipkow)*** • Lukas Bulwahn, Alexander Krauss, Florian Haftmann, Levent Erkok and John Matthews. ***Imperative Functional Programming with Isabelle/HOL*** • Sascha Böhme, Rustan Leino and Burkhart Wolff. ***HOL-Boogie --- An Interactive Prover for the Boogie Program-Verifier*** • Holger Gast. ***Lightweight Separation***
12:00-14:00	***LUNCH***
14:00-16:00	***RESEARCH PAPERS (Session Chair: Cesar Munoz)*** • Jens Brandt and Klaus Schneider. ***Formal Reasoning about Causality Analysis*** • David Cock, Gerwin Klein and Thomas Sewell. ***Secure Microkernels, State Monads and Scalable Refinement*** ***Emerging Trends*** • Maria Spichkova. **Focus on Isabelle: From Specification to Verification** • Magnus O. Myreen. **Verification of LISP Interpreters** • Serguei A. Mokhov, Joey Paquet. **Formally Specifying Operational Semantics and Language Constructs of Forensic Lucid in Higher-Order Intensional Logic** • Stephane Lescuyer, Sylvain Conchon. **A reflexive formalization of a SAT solver in Coq** • Harald Hiss. **Checking the Satisfiability of XML-Specifications** • Thomas Tuerk. **Separation Logic Framework in HOL**
16:00-17:00	***COFFEE BREAK + POSTERS***

	Tuesday, August 19
8:00 – 9:00	***TUTORIAL I (Session Chair: Yves Bertot)*** **Konrad Slind.** ***A Brief Overview of HOL4***
9:00 – 10:00	***TUTORIAL II (Session Chair: Ben Di Vito)*** **Sam Owre.** ***A Brief Overview of PVS***
10:00 – 10:30	***COFFEE BREAK***
10:30 – 12:00	***RESEARCH PAPERS (Session Chair: Bukhart Wolff)*** • Klaus Aehlig, Florian Haftmann and Tobias Nipkow. ***A Compiled Implementation of Normalization by Evaluation*** • Pierre Courtieu, Julien Forest and Xavier Urbain. ***Certifying a Termination Criterion Based on Graphs, without Graphs*** • Yves Bertot, Georges Gonthier, Sidi Ould Biha and Ioana Pasca. ***Canonical Big Operators***
12:00-14:00	***LUNCH***
14:00-16:00	***RESEARCH PAPERS (Session Chair: John Matthews)*** • Ana Bove and Venanzio Capretta. ***A Type of Partial Recursive Functions*** • Daniel Wasserrab and Andreas Lochbihler. ***Formalizing a Framework for Dynamic Slicing of Program Dependence Graphs in Isabelle/HOL*** ***Emerging Trends*** • Osman Hasan. **Probabilistic Analysis using Theorem Proving** • Patrice Chalin, Perry James, George Karabotsos. **Using Isabelle/HOL for Static Program Verification in JML4** • Ayesha Yasmeen, Elsa L. Gunter. **Implementing Secure Broadcast Ambients in Isabelle using Nominal Logic** • Amjad Gawanmeh. **Theorem Proving based Framework for Verification of Group Key Protocols** • Brian Huffman. **Reasoning with Powerdomains in Isabelle/HOLCF** • Alexander Krauss. **Shallow Dependency Pairs**
16:00-17:00	***COFFEE BREAK + POSTERS***

Wednesday, August 20	
8:00 – 9:00	***TUTORIAL III (Session Chair: Matt Kaufmann)*** **Tobias Nipkow. The Isabelle Framework**
9:00 – 10:00	***TUTORIAL IV (Session Chair: Jens Brandt)*** **Yves Bertot. A short presentation of Coq**
10:00 – 10:30	***COFFEE BREAK***
10:30 – 12:00	***RESEARCH PAPERS (Session Chair: Sam Owre)*** • Sayan Mitra and K. Mani Chandy. ***A Formalized Theory for Verifying Stability and Convergence of Automata in PVS*** • Polyvios Pratikakis, Jeff Foster, Michael Hicks and Iulian Neamtiu. ***Formalizing Soundness of Contextual Effects*** • Matthieu Sozeau and Nicolas Oury. ***First-Class Type Classes***
12:00-14:00	***LUNCH***
14:00-16:30	***Visit to Point-a-Caillère Museum***
16:30-18:00	***Free time to visit Old Montreal***
18:00-23:00	***CRUISE + CONFERENCE DINNER***

	Thursday, August 21
8:00 – 9:00	***TUTORIAL V (Session Chair: Peter Homeir)*** **Matt Kaufmann. An ACL2 Tutorial**
9:00 – 10:00	***KEYNOTE II (Session Chair: Otmane Ait Mohamed)*** ***Steve Miller. Will This Be Formal?***
10:00 – 10:30	***COFFEE BREAK***
10:30 – 12:00	***RESEARCH PAPERS (Session Chair: Mike Gordon)*** • David Lester. ***Real Number Calculations and Theorem Proving: Validation and Use of an Exact Arithmetic*** • Russell O'Connor. ***Certified Exact Transcendental Real Number Computation in Coq*** • Stefan Berghofer and Christian Urban. ***Nominal Inversion Principles***
12:00-14:00	***LUNCH***
14:00-15:00	***RESEARCH PAPERS (Session Chair: Konrad Slind)*** • Hasan Amjad***. LCF-style Propositional Simplification With BDDs and SAT Solvers*** • Laurent Thery. ***Proof Pearl. Revisiting the Mini-Rubik in Coq***
15:00-16:00	***BUSINESS MEETING***
16:00-16:30	***COFFEE BREAK + CLOSING REMARKS***
16:30-18:30	***Isabelle informal meeting***