

Austria-Japan workshop on Symbolic Computation and Software Verification

April 18–19, 2008, Kyoto

Program

April 18

- 13:30 **Functors in $\text{THEOREM}\forall$**
Bruno Buchberger (RISC, Johannes Kepler University)
- 14:50 **Graph rewriting of abstract origami**
Tetsuo Ida (University of Tsukuba)
Lightweight Static Guarantees
Oleg Kiselyov (FNMOCC)
- 16:30 **Application of Web Environment for Symbolic Computation: Origami Proving of Morley's Theorem**
Asem Kasem (University of Tsukuba)
Algebraic Interpretation of Huzita's Axiomatization of Origami Construction
Fadoua Ghourabi (University of Tsukuba)

April 19

- 9:30 **The gradual computerisation of mathematics in MathLang**
Fairouz Kamareddine (Heriot-Watt University)
- 10:50 **Computational Kirigami - another family of Computational Origami**
Hidekazu Takahashi (University of Tsukuba)
Matching with Regular Constraints for Hedge and Context Variables
Mircea Marin (University of Tsukuba)
- 13:30 **Flat Matching**
Temur Kutsia (RISC, Johannes Kepler University)
- 14:50 **Verified Decision Procedures on Context-Free Grammars**
Yasuhiko Minamide (University of Tsukuba)
Platonism with a flavor of constructivism
Masahiko Sato (Kyoto University)
- 16:10 Closing