Austria-Japan workshop on
Symbolic Computation and Software Verification

April 18–19, 2008, Kyoto

Program

April 18

13:30   **Functors in TH∃OREM∀**
Bruno Buchberger (RISC, Johannes Kepler University)

14:50   **Graph rewriting of abstract origami**
Tetsuo Ida (University of Tsukuba)
Lightweight Static Guarantees
Oleg Kiselyov (FNMOC)

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