ICFI’05
8th International Conference on Feature Interactions in Telecommunications and Software Systems

Leicester
28th – 30th June 2005

Venue Information and Programme

Welcome Reception, Coffee and Lunch:
1st Floor Charles Wilson Building; Parkside Lounge

Monday, 27th June
17:30-19:00 Workshop Registration and Welcome Reception
19:00- Programme Committee Dinner

Tuesday, 28th June
8:20-8:50 Workshop Registration
8:50-9:00 Workshop Opening
Chair: Mark Ryan and Stephan Reiff-Marganiec
9:00-10:00 Invited talk: Foundations of Features, Glenn Bruns
Chair: Mark Ryan
10:00-10:30 Coffee break
10:30-12:00 Session I: Emerging Architectures
Chair: Luigi Loggion
- Detecting Feature Interactions between SIP Call Control Services, M. Kolberg and E.H. Magill
- Feature Interactions in Integrated Services of Networked Home Appliances: An Object Oriented Approach, H. Nakamura, H. Igaki and K. Matsumoto
- Handling Feature Interactions in the Language for End System Services, X. Wu and N. Schullerme

12:00-13:00 Lunch

13:00-14:30 Session II: Novel Applications Domains
Chair: Tadashi Ohba
- Feature Interactions in Overlay Networks, K.E. Cheng, R. Chaudru, N.H. Cheng and M. Pucci
- Feature Interactions Induced by Data Dependencies among Entity Components, T. Teng, G. Huang, R.-I. D. Zhao and H. Mei
- Feature Interaction Problems in Middleware Services, K. Tatekawa and T. Ohta

14:30-15:15 Coffee break and posters
15:15-17:15 Session III: Interaction Detection Approaches
Chair: Mario Kolberg
- Telephony Feature Validation against Eventuality Properties and Interaction Detection based on Statistical Analysis of the Time to Service, L. du Bousquet and O. Gaudoin
- An Automatic Off-line Feature Interaction Detection Method by Static Analysis of Specifications, R. Joum, P. Le Gall and S. Cloutier
- A Generic Approach for the Automatic Verification of Featured, Parameterised Systems, A. Miller and H. Calinescu
- Automatic Deleting Specification Errors which Cause Miss-Detection of Feature Interaction, K. Tatekawa and T. Ohta

17:30-19:00 Workshop Registration and Welcome Reception

Wednesday, 29th June
8:30-9:00 Coffee
9:00-10:00 Invited talk: A Practical Introduction to Games, Infinity and the Edinburgh Concurrency Workbench, Perdita Stevens
Chair: Stephen Reiff-Marganiec
10:00-10:30 Coffee break
10:30-12:30 Session IV: Design Methods
Chair: Alice Miller
- Configuring Members of a Family of Requirements using Features, J. Bredereke
- Considering Feature Interactions in Product Lines: Towards the Automatic Derivation of Dependencies between Product Variants, A. Metzger, S. Bohre, K. Laue, and K. Pohl
- An Optimisation Technique for Feature Interaction Test Generation, C. Chi
- Generic Semantics of Feature Diagrams Variants, Y. Bontemps, P. Heymans, P.-Y. Schobbens and J.C. Triguar

12:30-13:30 Lunch

13:30-14:30 Invited talk: Policy Issues for Pervasive Systems, Morris Sloman
Chair: Mark Ryan

14:30-15:00 Coffee break
15:00-16:00 Session V: Feature Interaction in Policies
Chair: Pierre-Yves Schobbens
- Handling Policy Conflicts in Call Control, L. Blair and K.J. Turner
- Governance Policies for Private Access Control and their Interactions, W. Hassian and L. Log impecc

16:00-17:00 Panel Session: The Changing Nature of Feature Interaction
Chair: Mark Turner
Questions put forward to the panellists (and all participants) include: Is feature interaction meaningful in modern communications systems such as web services or are these rendering it obsolete? Will feature interaction be replaced by new concepts such as policy conflict or should it be replaced by service creation and analysis? How will new techniques such as model-driven architecture and aspect-oriented programming alter the perception of features?

18:30- Conference Banquet

Thursday, 30th June
8:30-9:00 Coffee
9:00-10:00 Invited talk: The PADRES Distributed Publish and Subscribe System, H.-Arno Jacobson
Chair: Stephan Reiff-Marganiec
10:00-10:30 Coffee break
10:30-12:30 Session VI: Feature Languages
Chair: Lydie du Bousquet
- Categorising and Prioritising Telephony Features, A. Zimmer and J. Allise
- Adding Reusable Feature Programs with the Feature Language extensions, W.F. Leung
- Modelling Interactions in Feature Oriented Software Design, J. Liu, D. Babone and S. Redmunt
- New Service Creation via Brokering and Mediation, F.J. Lin and K. Cheng

12:30-12:45 Workshop Closing
Chair: Mark Ryan and Stephan Reiff-Marganiec

Lunch