Psychology of Programming Interest Group
WIP-PPIG 21-22 February 2008

University of Sussex

Thursday 21st February

9.30 – 10.00 **Registration and Badgemaking**

10.00 – 10.30 **Welcoming Ceremony**

- Opening Address
    - *Thomas Green (University of Leeds)*
- Introduction to WIP-PPIG Challenge
    - *Johanna Hunt(University of Sussex)*
- PPIG 2008
    - *John Rooksby (Lancaster University)*

10.30 – 11.00 **Coffee**

11.00 – 12.30 **Session 1** (Chair: Pablo Romero)

- Work Practices and the "Economics and Psychology" of Software Testing
    - *John Rooksby (Lancaster University)*
- The Coding Dojo: Learning and Exploring Programming in Mixed Groups
    - *Johanna Hunt (University of Sussex)*
- Discussion: From the Workplace to the Classroom

12.30 – 13.30 **Lunch**

13.30 – 14.30 **Invited Talk:**
- The true confessions of a working researcher
    - *Judith Segal (Open University)*

14.30 – 15.30 **Session 2** (Chair: Judith Good)
- Learning and teaching programming in Second Life
    - *Chris Douce (Open University)*
- Playful Programming: Higher Order Design as Shaping Emergence - A life-like work in progress
    - *Luke Church, Alan F. Blackwell (University of Cambridge)*

15.30 – 16.00 **Coffee**

16.00 – 17.30 **Session 3** (Chair: Ben du Boulay)

- Cognitive and Motivational Feedback in Learning Programming
    - *Alison Hull and Benedict du Boulay*
- Promoting a Growth Mindset to Learning to Program
    - *Q. I. Cutts, S.W.Draper, P.Saffrey (University of Glasgow) and Emily D. Durrant (Centre for Confidence and Well-being)*
- Discussion: Learning and Motivating in Programming Education

19.15 **Gather for Dinner at Gars Restaurant**

*Please note that all sessions (including lunches and coffee) will be held
on the third floor of Bramber House at the University of Sussex
(http://www.sussex.ac.uk/about/campusmap.html)*

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Friday 22nd February

9.30 – 10.30 **Invited Talk:**
- Computational thinking and embodied interaction: The STAGE project
  - *Judith Good, Pablo Romero, Ben du Boulay (University of Sussex)*

10.30 – 11.00 **Coffee**

11.00 – 12.30 **Session 4** (Chair: Thomas Green)

- Languages for Biological Models: Importance, Implications and Challenges - A Work In Progress
  - *Luke Church, Katinka Apagyi (University of Cambridge) and Jasmin Fisher (Microsoft Research Cambridge)*
- Discussion: New Places to Program and New Languages to Learn
- WIP-PPIG Challenge Awards

12.30 – 13.20 **Lunch and Closing Discussion**

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(Optional Talk)

13.30 – 15.00 **HCT Seminar Talk (in InQbate Creativity Zone, Pev 3 3C7)**
- Exploring the potential to augment physical learning materials with digital technology to support numerical development
  - *Andrew Manches (University of Nottingham)*

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