

Dr. Emine G. Aydal Phillips

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BIOGRAPHY

Emine G. Aydal Phillips obtained her BSc in Computer Engineering in ME Technical University, Ankara/ Turkey. She, then, worked in ASELSAN (Ankara/Turkey), Bluefire AG (Bern/Switzerland) and REUTERS SA (Geneva,Switzerland) as a software engineer at different levels of the software development from modeling to testing. She received her MSc in Software Engineering with distinction in 2005 at the University of York, UK where she continued research as a PhD student under the supervision of Prof Jim Woodcock. Her PhD study is funded by EPSRC in co-operation with Qinetiq, UK. During the second year of her PhD, she received the Gibbs Award for a 4-month overseas visit where she worked with Dr. Mark Utting in Waikato University (Hamilton/New Zealand). She completed her PhD study in October 2009, and started working as a Research Associate at the University of York.

Her research interests include model-based test case generation, test coverage criteria, validation of formally-verified software systems, agile development in formal environments.

IEEE Connection

Her active involvement in IEEE started in University of York as the Student Branch Chair.

Achievements:

- Led the team of 16 people in organizing the first ever IEEE Student Congress in the UKRI (United Kingdom and Republic of Ireland) Section held in June, 2006 and attended by 110+ students from over 40+ universities.
- Received 2007 **IEEE R8 Larry K. Wilson Award**, given to volunteers as a recognition of their dedicated work and achievements with significant impact.
- During her leadership, University of York is recognised as one of the three **Outstanding Student Branches** in Region8.

- The IEEE Student Congress in the UKRI received **IEEE Foundation award** for revitalising the student branches in the UKRI Section and expanding the knowledge about IEEE within students studying in the UK or Republic of Ireland.

As one of the executive board members of ISBIR (IEEE Student Branch Industry Relations) Task Force team:

- Involved in strategic planning for the integration of ISBIR to IEEE
- With the team in York, organised the 'Meeting with Industry' session that was attended by company representatives from Google, Lockheed Martin, Praxis HIS, Transitive, etc.
- Presented the ISBIR program in various different universities in New Zealand, Malaysia, UK, Turkey and in various Region8 Meetings (Sofia'07, Bucharest'08, Quebec'08).

In October 2007, she is appointed as the Region8 Student Branch Co-ordinator. As part of this role, she co-ordinated the preparation steps of the Student Branch Congress (SBC) in London in August, 2008. She is also the co-organiser of the IEEE Career Horizons event organised together with the IEEE Media held in London in September, 2008.

In April 2008, she received the **UKRI Outstanding Achievement Award** from the section for her efforts to increase the student membership within the section. She is currently membership development team member in the UKRI Section as well as the section level Student Activities Committee Chair.

In January 2009, she is appointed as the chair of the Region8 Professional Activities Sub-Committee consisting of 5 active members. In her leadership, the PA Committee published the **first ever IEEE Professional Activities Handbook** aiming to guide workshop organizers in how to organise workshops.