Project MGK
Integrated Research Training Group
Prof. Dr. Dr. Wolfgang Rhode

Goals

Integrated Research Training Group
Teaching the rules of good, scientific work
▶ Knowledge transfer between the disciplines
▶ Promotion of junior researchers in the international academic environment
▶ Networking of doctoral candidates
▶ Enhancing visibility in the international research community

Interdisciplinarity & Exchange

Hard Skills / Soft Skills
▶ Foundation for successful research
▶ Capability of using relevant (software) tools
▶ Improving students’ communication and cooperation skills

Activities & Achievements

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Activities of the CRC 876

PhD Students Group
Approach:
▶ Fixed collaboration group
▶ Monthly meetings: Time limit of 60 - 90 min.
▶ Continuous and more intensive exchange.
Contents and Activities:
▶ Reports (e.g. short presentations on specific topics)
▶ Review of own progress (e.g. paper, dissertation, software)
▶ Dedicated topics of Self-development: e.g. time management, situation analysis, publication strategies.
▶ Address of topics where help is needed and mutual training among group members.

Lightning Talks
▶ Encourage (scientific) exchange of RTG members
▶ Reflect the diversity of research fields
▶ Collect needs of doctoral candidates
Approach:
▶ Weekly “blind date lightning talk” meetings
▶ Randomly select five students each week
▶ Exchange research: One-minute lightning talks
▶ Graduates’ speakers lead the discussion
Achievements:
▶ (Continuous) contact of students at different stages
▶ Feedback about RTG and work in CRC
▶ Suggestions for additional support of students

Visibility in International Research

Achievements:

SFB 876 Providing
Information by Resource-
Constrained Data Analysis

Summerschools
▶ International networking of doctoral students
▶ Specialized knowledge transfer directly from renowned scientists

Summerschool 2015: Porto (Coorganized)
Collocated with ECML PKDD 2015
Summerschool 2017: Dortmund
Ultra Low Power Learning:
Hackathon combining ML and CPS knowledge

Awards
▶ Best Paper Award, IEEE RTCSA 2015
▶ Best Paper Award, ECML-PKDD 2015
▶ ABB-award 2016
▶ ITG Dissertation Award 2016
▶ Outstanding Paper Award, IEEE RTSS symposium 2016
▶ Best Contribution Award, OMAinT++ 2017
▶ Best Paper Award, BTW 2017
▶ Best Paper Award, IPIN 2017
▶ Best Paper Award, WABI 2017
▶ Best Student Paper Award, BTW 2017
▶ Hans-Uhde Award 2017
▶ Best Paper Award, BIOSIGNALS 2018
▶ Best Student Paper Award, IEEE VTC-Spring 2018
▶ William C. Carter Award 2018