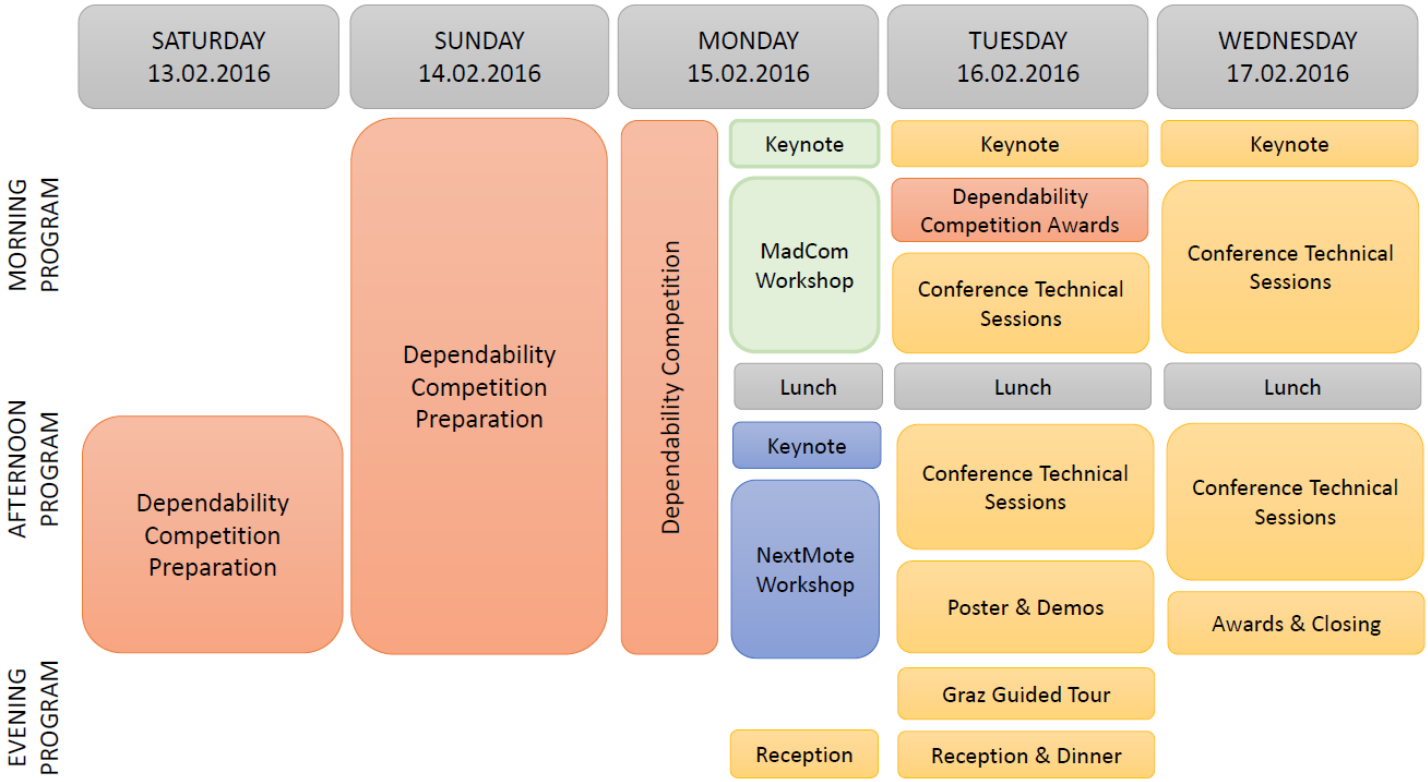
EWSN 2016 – Dependability Competition: Tentative program



Saturday, 13.02.2016	
Afternoon program (13:30 – 19:30)	**Dependability Competition, early preparation** (Location: Inffeldgasse 16/1, 8010 Graz)
13:30	Registration to the dependability competition The competition site is available for early birds that would like to test their setup in advance. Coffee drinks, and cold sandwiches are provided to all contestants.
19:30	End of early preparation

Sunday, 14.02.2016	
All day program (8:30 – 19:30)	**Dependability Competition, preparation** (Location: Inffeldgasse 16/1, 8010 Graz)
8:00	Registration to the dependability competition
8:30	**Welcome** Chair: Carlo Alberto Boano Introduction to the competition and evaluation procedure
9:00	**Preparation and testing** Further information on the preparation process will be posted on the competition webpage. Coffee, drinks, and cold sandwiches are provided to all contestants.
19:30	End of preparation

Monday, 15.02.2016	
All day program (8:30 - 18:30)	**Dependability Competition, evaluations** (Location: Inffeldgasse 16/1, 8010 Graz)
8:30	**Team #1: Channel Exploration/Exploitation Based on a Thompson Sampling Approach in a Radio Cognitive Environment** Arash Maskooki (Inria, France), Viktor Toldov (Inria and Université Lille, France), Laurent Clavier (Université Lille and Institut Mines-Télécom, Télécom Lille, France), Valeria Loscri (Inria, France), and Nathalie Mitton (Inria, France)
9:25	**Team #3: Towards Low-Latency, Low-Power Wireless Networking under Interference** Beshr Al Nahas (Chalmers University of Technology, Sweden) and Olaf Landsiedel (Chalmers University of Technology, Sweden)
10:20	**Team #4: RedFixHop** Jirka Klaue, Angel Corona, Martin Kubisch (Airbus Group Innovations, Germany), Javier Garcia-Jimenez (Kinexon, Germany), and Antonio Escobar (Infineon, Germany)
11:15	**Team #5: An Adaptive Protocol Stack for High-Dependability based on the Population Protocols Paradigm** Dimitrios Amaxilatis (University of Patras and CTI, Greece) and Ioannis Chatzigiannakis (Sapienza University of Rome, Italy, and CTI, Greece)
12:10	**Team #6: Is Concurrent Transmission Flooding a Good Idea for Random Traffic?** Makoto Suzuki (The University of Tokyo, Japan), Chun-Hao Liao (The University of Tokyo, Japan), Yuki Katsumata (The University of Tokyo, Japan), Kyoichi Jinno (The University of Tokyo, Japan), Hiroyuki Morikawa (The University of Tokyo, Japan)
13:05	**Team #7: Sparkle: Energy Efficient, Reliable, Ultra-low Latency Communication in Wireless Control Networks** Dingwen Yuan (Technische Universität Darmstadt, Germany) and Matthias Hollick (Technische Universität Darmstadt, Germany)
14:00	**Team #8: Reliability through Time-Slotted Channel Hopping and Flooding-based Routing** Pedro Henrique Gomes (University of Southern California, USA), Thomas Watteyne (Inria, France), Pradipta Gosh (University of Southern California, USA), and Bhaskar Krishnamachari (University of Southern California, USA)
14:55	**Team #9: Stateless Routing based Cross Layer Approach for Interference-Resilient, Low-Delay Networking** Guillermo Sierra Aiello (Universitat Politecnica de Catalunya, Spain), Ilker Demirkol (Universitat Politecnica de Catalunya, Spain), Anna Calveras (Universitat Politecnica de Catalunya, Spain), Carles Gomez (Universitat Politecnica de Catalunya, Spain), Eduard Garcia (Universitat Politecnica de Catalunya, Spain), and August Betzler (i2CAT Foundation, Spain)
15:50	**Team #10: ContikiMAC with Differentiating Clear Channel Assessment** Alex King (Lancaster University, United Kingdom), James Hadley (Lancaster University, United Kingdom), Utz Roedig (Lancaster University, United Kingdom)
16:45	**Team #11: Dependable Network Flooding using Glossy with Channel-Hopping** Philipp Sommer (ABB Corporate Research, Switzerland), Yvonne-Anne Pignolet (ABB Corporate Research, Switzerland)
17:40	**Team #12: Multimodal Reactive-Routing Protocol to Tolerate Failure** Tiong Hoo Lim (Institut Teknologi Brunei, Brunei), Iain Bate (University of York, United Kingdom), Jon Timmis (University of York, United Kingdom)
18:30	End of evaluations
Evening program (19:00 - 22:00)	**Reception** (Location: TBD, 8010 Graz)
19:00	Reception in Graz Town Hall

Tuesday, 16.02.2016	
8:00	Registration
Morning program (8:30 - 12:30)	**Main conference track: dependability special session** (Location: Rechbauerstraße 12, 8010 Graz)
08:30	**Welcome and main conference opening** Chair: Kay Römer
08:45	**Keynote** “Dependable Wireless Control through Cyber-Physical Co-Design” Chenyang Lu

09:45	**Dependability competition: awards and presentations of winners** Chair: Carlo Alberto Boano Awards to the best three solutions Presentation 1st place (10 minutes) Presentation 2nd place (10 minutes) Presentation 3rd place (10 minutes)
10:30	Coffee break
…	**The conference program then continues with the full and short paper sessions, as well as poster & demos.**