Technical Program

8:15 - 8:30  Introduction to the 5th International OMNeT Workshop

8:30 – 10:00  Session 1 (3 Presentations)
Chair: Andreas Lewandowski

Stefan Unterschütz, Andreas Weigel and Volker Turau
Cross-Platform Protocol Development Based on OMNeT++ (30mins)

Philipp Reinecke and Gabor Horvath
Phase-type Distributions for Realistic Modelling in Discrete-Event Simulation (30mins)

Vladimir Vesely, Petr Matousek and Miroslav Sveda
Multicast Simulation and Modeling in OMNeT++ (20mins)

10:00 - 10:30  Coffee Break

10:30 - 12:00  Session 2 (3 Presentations)
Chair: Laura Marie Feeney

Robert Birke, German Rodriguez and Cyriel Minkenberg
Towards Massively Parallel Simulations of Massively Parallel High-Performance Computing Systems (30mins)

Dominik Klein, Michael Hoefling, Matthias Hartmann and Michael Menth
Integrating LISP and LISP-MN into INET (30mins)

Elisha Abade, Katsuhiko Kaji and Nobuo Kawaguchi
QS-XCAST: A QoS Aware XCAST Implementation (20mins)

12:00 - 14:00  Lunch Break
<table>
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<th>14:00 - 14:45</th>
<th><strong>Evolution of INET</strong> (Andras Varga)</th>
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| 14:45 - 15:30 | **Code Contributions (Pitch Presentations)**  
               Chair: Christian Müller |
|               | **Alfonso Ariza, Eduardo Casilari and Javier Hurtado**  
               *An Integrated OMNeT++ Implementation of 802.11 High-Performance Computing Systems* (6mins) |
|               | **Georg Kunz, Simon Tenbusch, James Gross and Klaus Wehrle**  
               *Extending the OMNeT++ Sequence Chart for Supporting Parallel Simulations in Horizon* (6mins) |
|               | **David Eckhoff and Christoph Sommer**  
               *A Multi-Channel IEEE 1609.4 and 802.11p EDCA Model for the Veins Framework* (6mins) |
|               | **Alfonso Ariza, Eduardo Casilari and Javier Hurtado**  
               *An Implementation in OMNeT++ of Linux Rules for IP Routing* (6mins) |
| 15:30 - 16:00 | **Coffee Break and Poster Session** |
| 16:00 - 17:30 | **Session 3** (3 Presentations)  
               Chair: Andras Varga |
|               | **Kristján Jonsson, Ymir Vigfusson and Olafur Ragnar Helgason**  
               *Simulating Large-scale Dynamic Random Graphs in OMNeT++* (30mins) |
|               | **Javier Juárez, Carlos Rodríguez-Morcillo and José Antonio Rodríguez-Mondéjar**  
               *Simulation of IEC 61850-based substations under OMNET++* (30mins) |
|               | **Christian Müller, Hanno Georg and Christian Wietfeld**  
               *A Modularized and Distributed Simulation Environment for Scalability Analysis of Smart Grid ICT Infrastructures* (20mins) |
| 17:30 - 18:00 | **Closing and final discussion** |
| 19:00-open end | **Community Dinner** |