**[Session Title: Dynamics]**

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| **Date and Time** | **Thursday, June 2, 2016 / 14:00-15:40** |
| **Room** | **Dongkang A, Avenue 3F** |
| **Session Chair** | **Naoki Masuda, Univ. of Bristol, UK** |

**14:00-14:20**   **Exactly Simulation of Interacting Non-Markovian Renewal Processes using the Laplace Transform**
Naoki Masuda[1] and Luis E. C. Rocha[2,3]
*[1]Univ. of Bristol, Bristol, UK, [2]Universit e de Namur, Belgium,*
*[3]Karolinska Institutet, Sweden*

**14:20-14:40**   **How Cooperation May Behave Differently in Interacting SIS-SIR Dynamics**
Fakhteh Ghanbarnejad[1] and Nahid Azimi-Tafreshi[2]
*[1]Technische Universität Berlin, Germany, [2]Institute for Advanced Studies in Basic Sciences, Iran*

**14:40-15:00**   **Strength of Weak Layers in Cascading Failure Dynamics on Multiplex Networks**
Kyu-Min Lee and K. -I. Goh
*Korea Univ., Korea*

**15:00-15:20**   **Complex Contagions with Lazy Adoption**
Se-Wook Oh and Mason Alexander Porter
*Univ. of Oxford, UK*

**15:20-15:40**   **Degree-based Mean-Field Approximation of Six SIS Models on Scale-Free Networks**
Satoru Morita
*Shizuoka Univ., Japan*