

[Session Title: Network Measure]

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<b>Date and Time</b>	<b>Thursday, June 2, 2016 / 14:00-15:40</b>
<b>Room</b>	<b>Dongkang B, Avenue 3F</b>
<b>Session Chair</b>	<b>Sang Hoon Lee, KIAS, Korea</b>

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**14:00-14:20**    **Core-Periphery Structures in Networks and Its Relation to Network Nestedness**

Sang Hoon Lee<sup>1</sup>, Mihai Cucuringu<sup>2</sup>, Puch Rombach<sup>2</sup>, and Mason A. Porter<sup>3</sup>

<sup>1</sup>KIAS, Korea, <sup>2</sup>Univ. of California, Los Angeles, USA, <sup>3</sup>Univ. of Oxford, UK

**14:20-14:40**    **Effective Distances on Complex Networks**

A. Koher<sup>1</sup>, F. Iannelli<sup>2</sup>, P. Hövel<sup>1</sup>, and I. M. Sokolov<sup>2</sup>

<sup>1</sup>Technische Universität Berlin, Germany, <sup>2</sup>Humboldt-Universität zu Berlin, Germany

**14:40-15:00**    **Versatility: a Nodal Metric to Quantify Ambiguity in Modular Classification**

Maxwell Shinn<sup>1</sup>, Petra Vértes<sup>1</sup>, and Ed Bullmore<sup>1,2</sup>

<sup>1</sup>Univ. of Cambridge, UK, <sup>2</sup>Immuno Psychiatry, UK

**15:00-15:20**    **The H-index of a Network Node and its Relation to its Degree and Coreness**

Linyuan Lu<sup>1</sup>, Tao Zhou<sup>2</sup>, Qian-Ming Zhang<sup>2,3</sup>, and H. Eugene Stanley<sup>1,3</sup>

<sup>1</sup>Hangzhou Normal Univ., China, <sup>2</sup>Univ. of Electronic Science and Technology of China, China, <sup>3</sup>Boston Univ., USA

**15:20-15:40**    **Multi-Scale Network Analysis and Reconstruction via a New Statistic: The Onion Decomposition**

Laurent H ebert-Dufresne<sup>1</sup>, Joshua A. Grochow<sup>1</sup>, and Antoine Allard<sup>2</sup>

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