

Graduate School of Biostudies & iCeMS Joint Symposium
**“Hierarchical Dynamics of Nucleic Acid:
Synergy between Structure and Function”**

On 22 September 2014, Kyoto University iCeMS

== PROGRAM ==

- 13:00-13:10** Opening Remarks
 By Kunio Takeyasu (Director, JSPS London)
- 13:10-13:20** **Kunio Takeyasu** (JSPS London)
 *Capturing Dynamics of DNA Molecules in Solution Using Nano-meter
 Scale Imaging*
- 13:20-14:10** **Alexei A. Kornyshev** (Imperial College London, UK)
 Unravelling hidden abilities encoded into double helical structure of DNA
- 14:10-14:30** **Jamie Gilmore** (Graduate School of Biostudies, Kyoto University)
 *Characterization of the Global Structure of a Long ssRNA Viral Genome
 with AFM imaging*
- 14:30-15:20** **Naoki Sugimoto** (Konan University)
 *Interesting Behaviors of Nucleic Acids under Molecular crowding
 conditions*
- 15:20-15:40** Break Time
- 15:40-16:10** **Anatoly Zinchenko** (Nagoya University)
 Compaction of DNA in solutions of anionic nanoparticles
- 16:10-16:30** **Yong-Woon Han** (iCeMS, Kyoto University)
 *Characterization of RuvA-RuvB-Holliday junction DNA complex formation
 process using Zero mode waveguides*
- 16:30-17:20** **Kenichi Yoshikawa** (Doshisha University)
 Phase-transition of genomic DNA
- 17:20-17:30** Closing Remarks
 By Kenichi Yoshikawa (Professor, Doshisha University)
- 17:30-19:30** Banquet