

Program of Third QBIC Workshop 2013

October 17, 2013, Thursday - Main Session (1)

- 10:00 ~ 10:05 M. Ohya, Tokyo University of Science, Japan
Opening Address
- 10:10 ~ 10:40 T. Hida, Emeritus Professor, Nagoya University, Japan,
On Some Recent Topics in White Noise Theory
- 10:45 ~ 11:15 I. Volovich, Steklov, Mathematical Institute, Russia
Correlations of Entangled States at Large Distances
- 11:20 ~ 13:30 **Lunch Break and Poster Presentation**
- 13:30 ~ 14:00 M. Ohya, Y. Tanaka, Tokyo University of Science, Japan
Adaptive dynamics and double-slit experiment in quantum mechanics
- 14:05 ~ 14:35 G. Sarbicki, Nicolaus Copernicus University, Poland
Optimality and Exposedness of Entanglement Witnesses
- 14:40 ~ 15:10 **Coffee Break**
- 15:10 ~ 15:40 N. Watanabe, Tokyo University of Science, Japan
On Entropy Type Complexities of Gaussian Communication Process
- 15:45 ~ 16:15 T. Matsuoka, Suwa Tokyo University of Science,
TBA
- 16:15 ~ 16:40 **Coffee Break**
- 16:40 ~ 17:00 K. Sato, T. Hara, Tokyo University of Science, Japan
The Code Structure of the p53 DNA-binding Domain and the Prognosis of Breast Cancer Patients
- 18:00 ~ **Welcome Party**

October 18, 2013, Friday - Main Session (2)

- 10:00 ~ 10:30 A. Jamiolkowski, Nicolaus Copernicus University, Poland
On the Amitsur-Levitzki Theorem in the Study of Open Quantum Systems
- 10:35 ~ 11:05 L. Accardi, Roma II University, Italy
TBA
- 10:10 ~ 11:40 M. Regoli, Roma II University, Italy
Format Preserving Encryption (FPE) Algorithms: a Case Study with Possible Attacks
- 11:40 ~ 13:20 **Lunch Break and Poster Presentation**
- 13:20 ~ 13:50 Si Si, Aichi Prefectural University, Japan
An Additive System of Idealized Random Variables Generated by a New Noise
- 13:55 ~ 14:25 M. Ohya, Y. Yamamori, Tokyo University of Science, Japan
A Mathematical Realization of von Neumann's Measurement Scheme
- 14:30 ~ 15:00 **Coffee Break**
- 15:00 ~ 15:30 S. Iriyama, Tokyo University of Science, Japan,
Note on Entropy Decreasing and the Chaos Amplifier
- 15:30 ~ 15:50 I. Yamato, Tokyo University of Science, Japan
Information biology and its principle: Quantum-like behavior
- 15:50 ~ 16:10 S. Miyazaki, Tokyo University of Science, Japan
Recent Topics on QBIC
- 16:10 ~ 16:20 T. Hida, Emeritus Professor, Nagoya University, Japan
Closing Address