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,
Symmetric Structure of Sub-class of Circurant States on Quasi-distillation Entaglment

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
An Introduction to Format Preserving Cryptography

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