

複雑系生命システム研究センター

RCCSB symposium on cellular biophysics

with guests from Niels Bohr Inst. and Bangalore

日時： 2010年12月7日～12月8日

場所： アドバンスラボラトリー4階大会議室（410）
（※7日16時以降の3講演は16号館827）

Dec. 7 (Tue)

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|---------------------|--------------|---|
| 10:30 | S. Krishna | <i>Why do phage play dice?</i> |
| 11:30 | S. Heilmann | <i>A Life on the Edge: Virulent Phage Bacteria Coexistence on the Boundary of Self-organized Refuges</i> |
| 12:00 | A. Kashiwagi | <i>On-going analysis of experimental coevolution system with E.coli and RNA bacteriophage Qβ</i> |
| <i>lunch</i> | | |
| 14:00 | S. Sawai | <i>How phase singularities shape cells and cell populations</i> |
| 14:30 | A. Hunziker | <i>Genetic flexibility of Gene regulatory networks</i> |
| 15:00 | Y. Wakamoto | <i>Microbial persistence as phenotypic natural selection based on growth-coupled gene expression noise</i> |
| <i>coffee break</i> | | |
| 16:00 | Y. Kondo | <i>Growth states of catalytic reaction networks with energy metabolism</i> |
| 16:30 | A. Kamimura | <i>Reproduction of protocells by replications of minority molecules</i> |
| 17:00 | M. Tachikawa | <i>Bifurcation structure of the evolution of cellular differentiation</i> |

Dec. 8 (wed)

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| 10:30 | S. Ishihara | <i>Analysis of mechanical process in the growing epithelial tissue</i> |
| 11:00 | M. Inoue | <i>Evolution of Cooperative Adaptive Response with Multi-degree of Freedom</i> |
| 11:30 | N. Mitarai | <i>Translation and mRNA lifetime</i> |
| 12:00 | K. Kaneko | <i>Itinerant Dynamics in Gene Expression Implies Pluripotency</i> |

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