
臺灣大學應用力學研究所
演 講 公 告

主 講 人：Prof. Tadashi Nakano
大阪公立大學

講 題：Molecular Communication: A New ICT Paradigm

摘 要： 如附件

主 持 人： 張建成教授

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☆☆ 歡迎聽講，敬請張貼 ☆☆

Molecular Communication: A New ICT Paradigm

Prof. Tadashi Nakano

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Abstract :

Molecular communication is an emerging research field in communications engineering. In molecular communication, information is encoded on molecules or chemical signals, unlike current telecommunication where information is represented using electromagnetic waves. In this talk, I will present the basic concept, features, and potential applications of molecular communication. I will also talk about our recent research results related to cell-cell communication and large-scale structure formation in cancer.

Bio :

Tadashi Nakano is a Professor of the Graduate School of Informatics, Osaka Metropolitan University. He has been engaged in research at the intersection of computer science and biology, including design, implementation, and evaluation of molecular communication systems, synthetic biological systems, and biologically inspired systems.