

【セミナーのご案内】

Connected analytics in biomedicine and healthcare



Presenter : Samik Ghosh, PhD.

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日時 : 平成30年10月12日(金) 17 : 00 ~ 18 : 00

場所 : 総合研究棟8階多目的室

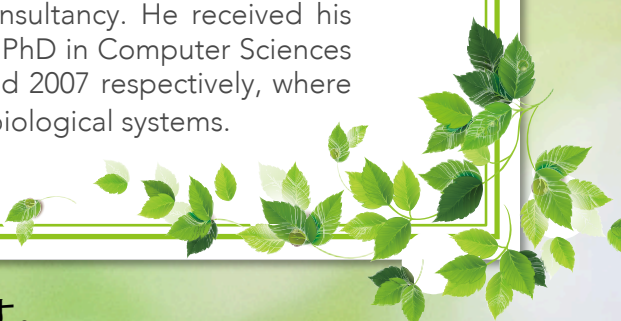



Summary:

Garuda is an open, community-driven, platform that provides a framework to discover, connect & navigate through different applications on devices as well as in the cloud. Garuda connects with various machine learning tools, algorithms through our Gandhara platform to provide insights and visualizations. In this talk, we provide an overview of the Garuda platform, the alliance eco-system and a brief demonstration of the platform in action together with its various components. Specifically, we focus on case studies of the application of Garuda platform in molecular biology and their connection to healthcare. We demonstrate a case study of how different sensors, wearables and monitoring devices are connected on Garuda to aggregate signals, analyze data-points and identify patterns to enable decision-making.

We summarize with a vision on re-imagining connectivity in the age of digital medicine, healthcare and beyond.

Extensive background in networks and telecommunication , modeling in systems biology, drug discovery, software development and start-up experience in USA. He is also a Senior Researcher at The Systems Biology Institute, Tokyo and serves as the CTO of SBX Corporation leading the software development effort of computational platform (Ghosh et.al, Nature Reviews Genetics 2011), device consultancy and drug discovery pipeline consultancy. He received his Bachelors in Technology from India in 2001, MS and PhD in Computer Sciences from The University of Texas at Arlington in 2004 and 2007 respectively, where his research focused on computational modeling of biological systems.



* 教員、大学院生等ご来聴をお待ちいたします。

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