

2018 The 2nd Meeting of EMP Seminar Series

2018 第2回 EMP セミナーシリーズ

Program for Leading Graduate Schools
Held by Ph.D. Program in Empowerment Informatics
Host: Jun Izawa, Associate Professor (Faculty of Engineering, Information and Systems)



Presenter

Prof. Burdet Etienne

Imperial College London
Faculty of Engineering, Department of Bioengineering



Human-machine interaction and neurorehabilitation

Date & Time

December 4, 2018 (Tue.)

10:00 - 12:00

Venue

3B213

My research interest is in human-machine interaction. I enjoy investigating how humans interact with their environment and with each other. With my group, we develop new technical tools for this purpose, and take all opportunities to use our acquired knowledge and devices in clinical applications. My talk will highlight some of our projects, such as how understanding the process of learning of physical interactions in humans can improve neurorehabilitation technologies, or how we use robotic systems to investigate brain development in prematurely born babies at risk of cerebral palsy.