

# From Science to Technology to Society: Robots as tools to study humans.

言語 / 英語 Language/English

**Monday, Nov 18, 2019, 15:00-16:30**

東京農工大学 小金井キャンパス 6号館 5階 501教室  
Room 501, 5th Fl., Building 6, Koganei Campus, TUAT



## Prof. Giulio Sandini

Robotics, Brain and Cognitive Sciences Unit of  
the Italian Institute of Technology, Italia

The talk is divided in three parts. In the first part I will present a brief overview of the Italian Institute of Technology (IIT) and an outline of its ongoing scientific research plan and current achievements. In the second part, I will introduce the "Science-Technology-Society" research methodology we are following in the Robotics, Brain and Cognitive Sciences (RBCS) unit of IIT. I will do that by showing a few example of how from knowledge acquired through studies addressing fundamental scientific question on human perception, it has been possible to develop new technologies and to demonstrate their social value in application areas such as rehabilitation and support to persons with sensory disabilities. In the last part of the presentation, I will concentrate on RBCS' s activities on social robotics based on the use of the iCub humanoid robot as a tool to investigate how humans communicate through actions exploiting the foundations of embodied intelligence.

Sandini, G. and A. Sciutti, Humane Robots—from Robots with a Humanoid Body to Robots with an Anthropomorphic Mind. ACM Transactions on Human-Robot Interaction, 2018. 7(1): p. Article 7.

### ■参加登録 / Registration

登録は必須ではありませんが、およその人数を把握するために、ご登録いただければ助かります。  
Registration is not necessary, but it would be helpful to know the number of participants.  
フォーム→ <https://forms.gle/NXxhYyhHC7BJNnD58>



### ■共催 / Co-organized by

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### ■お問合せ先 / Contact

グローバルイノベーション研究院 工学研究院 水内郁夫  
Institute of Global Innovation Research, Institute of Engineering  
Associate Professor Ikuo Mizuuchi  
e-mail: mizuuchi (ここに @ を入れてください) cc.tuat.ac.jp



どなたでも、ご聴講いただけます。  
Everyone is welcome to attend.