

JSPS Palaiseau Meeting

10/07

11h Introduction

11h10 Takeo Koike (15 min)

"Fabrication of highly ordered $\text{Co}_2\text{Fe}_{0.4}\text{Mn}_{0.6}\text{Si}$ Heusler alloy on Ge and its properties of electrical spin injection"

11h35 Tomohiro Ichinose (15 mn)

"Structural, Electric and Magnetic Properties of Multiferroic BiFeO_3 Thin Films"

12h Buffet

13h30 Yasuhiro Hatsugai (30 mn)

"Uses of edge states of topological material and meta-material"

14h10 Tomoya Ono (30 mn)

"DFT study on carrier transport property of nanoscale structures"

14h40 Maelis Piquemal (30mn)

"HBN spintronics devices"

11/07

9h40 John Robertson (30mn)

"Theory of spin tunnelling for h-BN on Co or Fe electrodes"

10h20 Stephan Hofmann (30mn)

"TBA"

11h Tetsuo Endoh (30 mn)

"Nonvolatile Brain-Inspired VLSIs Based on CMOS/MTJ Hybrid Technology for Ultralow-Power Performance and Compact Chip"