

September 10 – 12, 2015
Hotel Sun Valley Nasu
Nasu, Japan

第5回

半導体量子効果と量子情報の夏期研修会



September 11, 2015 (Friday)

09:00 ~ 10:00 Control of spin systems I

09:00 A11-1 Coherence of spin qubits measured faster than the decorrelation time of their environmental noise

Matthieu R. Delbecq

09:30 A11-2 A fast addressable single-spin qubit in a Si/SiGe double quantum dot with a micromagnet

Kenta Takeda

10:00 ~ 10:20 Refreshment Break

10:20 ~ 11:10 Control of spin systems II

10:20 A11-3 Fast phase gate of the single nuclear spin in diamond by electric field

Takaaki Shimo-Oka

10:40 A11-4 How to measure spin current

Peter Stano

11:30 ~ 13:30 Workshop Lunch (BBQ)

13:30 ~ 19:30 Free Discussion

19:30 ~ 21:00 Poster Session

Nasu 2015 Time Table
September 10 - 12 2015

Time	September 10 (Thursday)	September 11 (Friday)	September 12 (Saturday)
9:00		(Control of spin systems I) M. R. Delbecq	(Quantum Hall effect) T. Fujisawa
		K. Takeda	H. Kiyama
10:00		Refresh Break	Refresh Break
		(Control of spin systems II) T. Shimo-Oka	(Physics from Berry curvature) M. Sato
		P. Stano	
11:00			M. Maeda
			Refresh Break
			Y. Hirayama
12:00			Closing(12:00 - 12:10)
			Workshop Lunch (BBQ)
	Opening (12:50 - 13:00)		
13:00	(Coupling between quantum systems) K. Semba		
	K. Kuroyama		
14:00	Refresh Break		
	(Kondo Physics) M. Eto		
15:00	T. Arakawa		
	T. Hata		
	Refresh Break		
16:00	(Cleaved Materials) T. Machida		
	I. V. Borzenets		
17:00	Refresh Break		
	(Surface Acoustic Wave) R. Ito		
18:00	Y. Sato		
	Dinner (Please help yourself)	Dinner (Please help yourself)	
19:00			
20:00		Poster Session and Discussion Time (19:30 -)	
21:00			