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## WP2 Domain-Workshop on Beyond CMOS

2016/04/29

The first Domain Workshop of NEREID (“NanoElectronics Roadmap for Europe: Identification and Dissemination”) was on Beyond CMOS and took place in May 16-17, 2016, in Helsinki.



Topic “Non-conventional information processing approaches and devices”.

### Schedule:

Monday 16 May, 2016:

10:00-17:45

Tuesday 17 May, 2016:

9:15-16:00

### Location

Technopolis Innopoli 1

Tekniikantie 14,

Espoo

Finland

## Programme +

### Day 1: Monday, May 16, 2016

10:00	Welcome J. Ahopelto, VTT A. Vasara (CEO), VTT H. Riel, IBM
10:30	M. Esposito, U Luxembourg Information theory
11:10	M. Heyns, IMEC III/V and steep sub threshold devices for next generation CMOS technologies
11:50	M. Graziano, P. Torino Aspects from design point of view
12:30	Lunch
14:00	J. Åkerman, KTH Spintronics

14:40	S. Thorpe, CNRSs Neuromorphic systems
15:20	B. Li, U Colorado Thermal computing
16:00	Coffee
16:30	L. Colombo, U Cagliari Some issues on thermal transport in 2D materials
17:10	M. Costache, ICN2 Topological insulators and magnons
17:50	C. Sotomayor Torres, ICN2 Introduction to Workshop 2 "Non-conventional information processing" Barcelona 2017
18:00	Buffet and refreshments

## Day 2: Tuesday May 17, 2016

10:00	S. Volz, CNRS Surface phonon polaritons and heat transport
10:40	A. Martinez, UPV Optomechanics
11:20	R. Ernstorfer, MPG Dynamics of electrons, spins and phonons in transition metal dichalcogenides
12:00	M. Calame, U Basel Molecular electronics
12:40	Lunch
14:00	Rapporteurs reports Discussion Input to WS2 Wrap-up
15:00	Closing

## Suggested hotels



Please follow our [traveling information](#) <sup>[1]</sup> for your convenience.  
We have reserved blocks of rooms in the nearby hotels within walking distance.

### Hotel Radisson Blu Espoo Hotel Sokos Tapiola Garden

Otaranta 2, Espoo

<https://www.radissonblu.com/en/hotel-espoo> <sup>[2]</sup>

Special price: 119/134 single/double, breakfast included

Booking code: NEREID

## Hotel Sokos Tapiola Garden

Tapionaukio 3, Espoo

<https://www.sokoshotels.fi/en/espoo/sokos-hotel-tapiola-garden> [3]

Special price:120/140 single/double, breakfast included

Booking code: NEREID

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### Links:

[1] <https://www.nereid-h2020.eu/system/files/page/helsinki-travel.pdf>

[2] <https://www.radissonblu.com/en/hotel-espoo>

[3] <https://www.sokoshotels.fi/en/espoo/sokos-hotel-tapiola-garden>