

Dear speakers, discussant, rapporteurs and participants,

Re.: NEREID Workshop on Alternative Computing Paradigms, Sitges(Barcelona) 11-12 May 2017.

(www.nereid-h2020.eu/content/wp2-domain-workshop-alternative-computing-paradigms)

Thank you again for accepting our invitation to join the workshop. Below you will find a few items we ask you to consider to help us arrange a smooth event.

REGISTRATION, ACCOMMODATION, MEALS and TRAVEL

Registration:

This step requires you to visit:

<https://www.nereid-h2020.eu/content/2nd-wp2-domain-workshop-registration> where the registration form can be found.

We should be grateful if you would fill it in since we will use this to confirm the number of rooms to the hotel ****by the end of April****.

Accommodation:

Some of the participants (invited speakers) have been offered accommodation for the nights of 10th and 11th May. In the registration form you are kindly asked to mark which nights we should book accommodation for you. All other participants as well as reservations for additional night are requested to contact the hotel (see details in Registration Form) mentioning the code: "ICN2 NEREID Workshop". The cost of hotel accommodation on Bed & breakfast basis is between 130-135 euros payable directly to the Hotel.

Meals:

These will be covered by the workshop for all participants. You are asked to indicate if you will join us to confirm numbers to the hotel.

Travel:

1) Tickets: Speakers who have been promised travel support are kindly asked to keep receipts and boarding passes.

2) Local Transport. We will arrange a shuttle or two to meet most participants free of charge, once we know your arrival details. For the return we will consider taxis or shuttle depending on the number of participants and timing leaving Sitges on Friday afternoon/evening.

We will let you know the times of the shuttles when we have the arrival details of participant at the latest on *Monday 8th May*.

PROGRAM, ABSTRACT, PRESENTATIONS

The updated program is attached. Depending on the speakers to be confirmed, we will reorganise to include two more talks from NEREID partners on key aspects of the Road Map (Materials/Equipment and Design/Architecture). It may mean an earlier start on Friday.

Abstract:

We kindly ask speakers to send Ms Cristina Morales (cristina.morales@icn2.cat) a free-format 10-15 line abstract to include in the Abstract booklet. The latest we can include it for printing is *****Monday 8th May*****.

Presentation:

We have allocated **40 minutes** slots for the talks of invited speakers. We suggest that you use **about 30 minutes** on the key concepts and science of the research topic.

In the **remaining 10 minutes**, with the draft Road Map in mind, we suggest you address/summarise the following:

- Key research questions and challenges (e.g., the issue of gain?).
- Potential for applications and foreseeable time scales where applicable.
- Technology and or material and or design challenges with respect to the research and its application potential.
- Figure(s) of merit (e.g., time scales re switching; other more appropriate FoM relevant to the possible applications).
- European research position in global context (leading, lagging, state of the art?)

We should be grateful if you would bring to the workshop a “public copy” of your slides that with your permission we could upload in the NEREID webpage of the workshop for the rest of the NEREID project members.

There will be no recordings during the workshop to facilitate discussions.

The NEREID workpackage 2 responsible people (J Ahopelto and C Sotomayor Torres) would appreciate a private copy being facilitated to them during the workshop (not for distribution) of all the slides shown to help them work on the draft Road Map.

For the discussion of the one-, two- or three-paper sessions we need your cooperation in the form of making a draft of your talk (at least the first 30 minute part) available to the discussant of your session ***** by 4th May*****.

The discussants and their email addresses are below:

Discussants:

Session	Discussant	Email address
2 Photonics- and nanomechanics based computing	David Garcia	david.garcia@icn2.cat
3 Computing with spins and magnons	Sergio Valenzuela	sergio.valenzuela@icn2.cat
4 Neuromorphic Computing	Jouni Ahopelto	jouni.ahopelto@vtt.fi
5 Statistical/thermal physics and computing approaches	Luciano Colombo	luciano.colombo@dsf.unica.it
6 Si-based classical and quantum computing	Heike Riel	hei@zurich.ibm.com

Please do not hesitate to contact Ms Cristina Morales on logistics and Clivia Sotomayor Torres on the program.

With best wishes and looking forward to welcoming you in Sitges.