

HORIZON 2020 LETTER OF SUPPORT – DISEPC USER BOARD

We would hereby like to confirm our participation in the proposed Deeply Integrated and Semantic Extended Point Clouds (DISEPC) User Board.

It is understood that this participation does not include any financial contribution or any contractual or other obligation, but will be limited to provide support, advice, and guidance to the project management and project members of the DISEPC Consortium.

The proposal will be submitted by 29th September 2015 under the H2020-FETOPEN-2014-2015-RIA.

The development of the proposed integrated point cloud model would be a breakthrough in our ability to efficiently represent and analyze the Indra suite of cosmological N -body simulations. These simulations calculate the trajectories of dark matter particles to determine the dynamical evolution of large-scale structures in the universe, given a cosmological model. The suite of simulations will contain in total 35 trillion particles and over a petabyte of data, presenting a challenge for traditional data models.

Membership of the DISEPC User Board will involve the following tasks:

- Providing input and feedback on the roadmap which will draw a clear strategy and work plan to further the application of the technologies created, investigated, and invented in the project;
- Providing direction and additional requirements as necessary;
- Participating in the evaluation of the project results, such as progress reports and analysis of logistic processes;
- Participating in the evaluation of the final project results;
- Applying the DISEPC model and tools to the Indra suite of cosmological simulations.

The DISEPC Consortium will have as principle partners:

- Technische Universiteit Delft;
- Netherlands Escience Center;
- MonetDB Solutions;
- Vienna University of Technology;
- Jülich Supercomputing Centre / University of Iceland;
- Instituto de Estudios Espaciales de Cataluña;
- Institut National de l'Information Géographique et Forestière.

Sincerely,

Bridget Falck

Signature:



Place:

Oslo

Date:

17/09/2015



Institute of Theoretical Astrophysics
P. O. Box 1029 Blindern
N-0315 Oslo
Norway

Telephone: (+47) 22 85 65 01
Telefax: (+47) 22 85 65 05
E-mail: postmottak@matnat.uio.no

Visiting address: Sem Sælands vei 13