

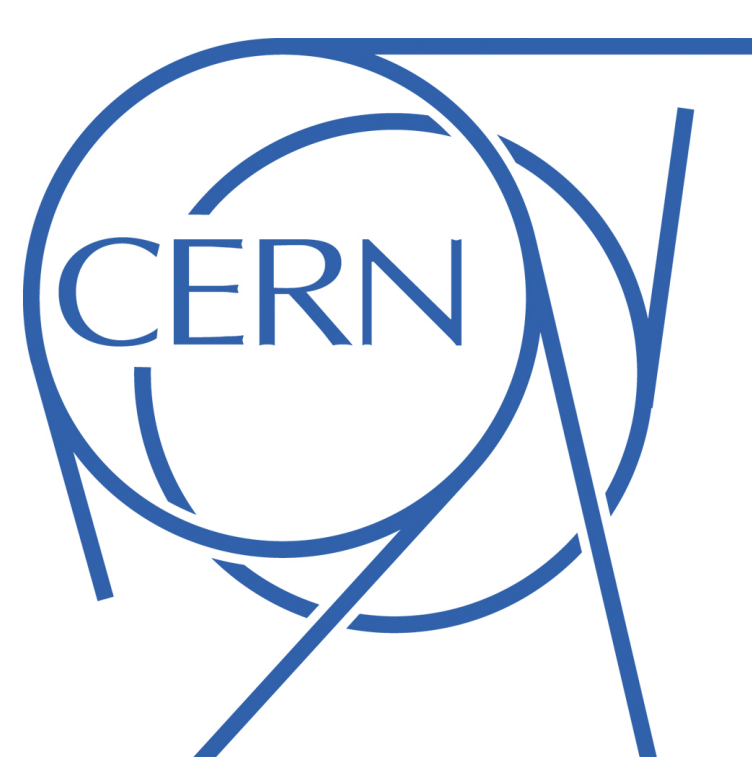
# EAAC2013

## 1<sup>st</sup> European Advanced Accelerator Concepts Workshop

Supported by EU via EuCARD-2, GA 312453

2-7 June 2013, La Biodola, Isola d'Elba, Italy

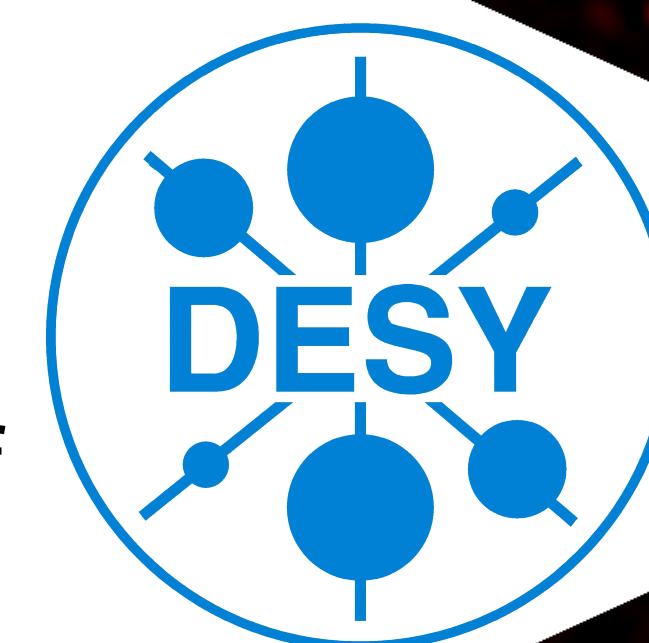
Novel schemes using advanced technologies (table-top FEL, plasma linear collider)  
High gradient and multibunch acceleration in metallic structures  
(C-X-band and beyond) with innovative power generation schemes  
Advanced beam diagnostics for beams and plasma  
Dielectric structures and other novel technologies  
Plasma accelerators driven by electron beams  
Plasma accelerators driven by modern lasers  
Plasma accelerators driven by proton beams  
Computations for Accelerator Physics



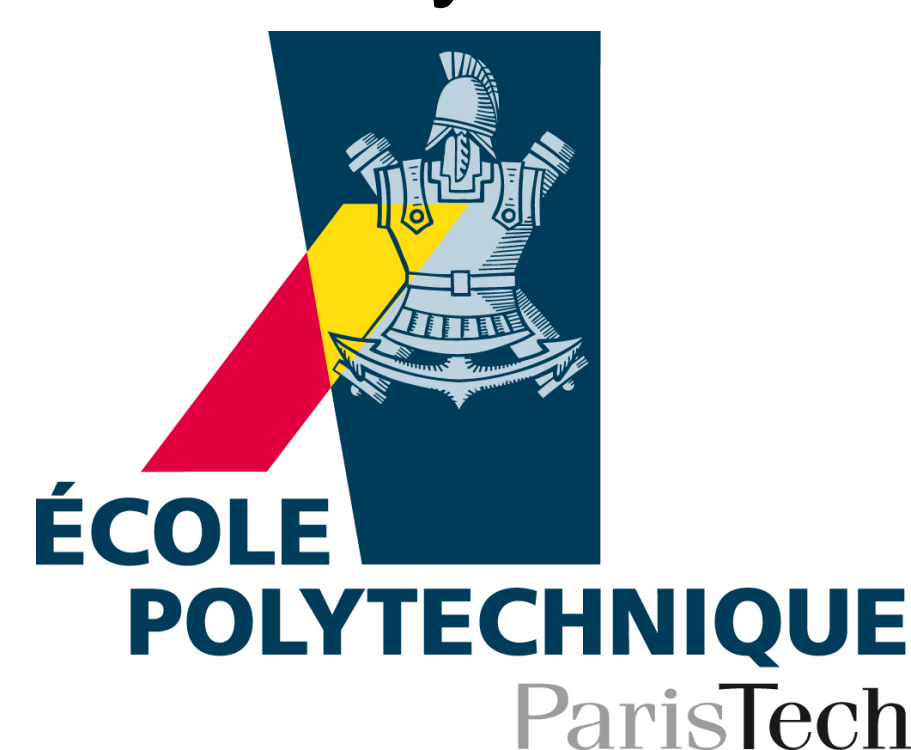
The European Advanced Accelerator Concepts workshop has the mission to discuss and foster methods of beam acceleration with gradients beyond state of the art in operational facilities. The most cost effective and compact methods for generating high energy particle beams

shall be reviewed and assessed. This includes diagnostics methods, timing technology, special need for injectors, beam matching, beam dynamics with advanced accelerators and development of adequate simulations. This workshop is organized within the 7th European Programme by the

European Network for Novel Accelerators (EuroNNAc), representing 52 European Research Institutes. The EAAC will be followed by a 1-day network meeting by invitation only.



On Friday 7th: EuroNNAc 2013 yearly meeting



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Massimo Ferrario (INFN - LNF), **chair**  
Ralph Assmann (DESY)  
Jens Osterhoff (DESY)  
Arnd Specka (Ecole Polytechnique)

[www.inf.infn.it/conference/EAAC2013/](http://www.inf.infn.it/conference/EAAC2013/)

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