

1st European Advanced Accelerator Concepts Workshop 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



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

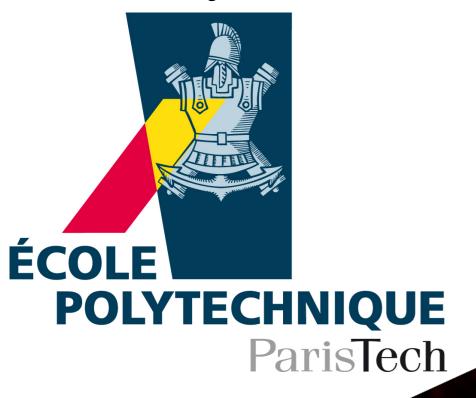
The European Advanced Accelerator Concepts workshop has the mission to discuss and foster methods of beam acceleration with gradients beyond state of the art in operational facilities. The most cost effective and compact methods for generating high energy particle beams



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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Jens Osterhoff (DESY)
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www.Inf.infn.it/conference/EAAC2013/

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