

**Eucard-2, 2014 at DESY: WP3/EnEfficient Agenda**

**Seminarroom 24/200, 9:00 – 12:00 AM, May 21, 2014**

**Participants:** M.Seidel (PSI), J.Stadlmann (GSI), R.Gehring (KIT), Th.Parker (ESS), P.Spiller (GSI), Ph.Eymard (SOLEIL), J.P.Jensen (DESY), J.Eckoldt (DESY), E.Leister?(DESY), S.Claudet (CERN), Ch.Schneider? (BTO-Consulting) + others welcome

**Eucard-2 agenda:** <http://indico.cern.ch/event/302074/overview>

EnEfficient website: <http://psi.ch/enefficient>

We use this internal WP meeting to discuss specifically energy management options for large facilities, and in general future activities of our workpackage. Some workshops are planned already, but please think about additional workshop themes and options including study work of students that could be financed through Eucard.

**Agenda**

time	theme
09:00	<p>1.) The theme of energy management will likely be important for all facilities in the future. In the context of “virtual power plant” we discuss options to better coordinate energy consumption of large facilities with the situation on the grid. J.Stadlmann will make introductory remarks. In this context we have invited experts from a consulting company, BTO-Consulting, who can share their thoughts with us.</p> <p>Topics → optimization of facility operation in the presence of strongly varying energy cost due to renewables; options and economics of small backup power stations (gas turbine); contractual options; trends for the future; all: intrinsic storage potential of accelerators, e.g. cryogenic facility</p> <p>We should also discuss the planned workshop, e.g. topics, potential speakers, venue and date.</p>
ca. 10:30	<p>2.) We go through all the tasks and discuss together options for future workshops and other activities; please consider also practical operational aspects at your accelerators which are interesting for a specialized workshop; we can use the Eucard funding for extended visits (e.g. a month) to other labs, for example for students; we can also finance master students; we can invite external experts with the funding, so please think about proposals</p> <p>3.) Due to the illness of Michael Sander we have a new task leader, Rainer Gehring, for energy storage; he is new in the accelerator community and I propose that we discuss together possible topics for his workshop, relevant for large accelerators, and make a list of potential contributors/speakers</p> <p>4.) The paper for IPAC 14; status and who is doing what</p> <p>5.) Common pot funding; who needs additional funding?</p> <p>6.) Varia</p>
ca. 12:00	<b>End, departure for lunch</b>