

## Agenda of 15th TAC meeting

**Wednesday 5 April, 2017**

*Location ESS Site office, Odarslövsvägen 113, Lund – BrightnESS room*

### **TAC closed session (13h00 – 13h30) - BrightnESS**

13h00	<i>TAC Initial working session</i>
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### **Plenary Sessions (13h30 – 17h15) - BrightnESS**

13h30	Welcome & overall status of ESS – R. Garoby (25'+5')
14h00	Charge and meeting organization – R. Garoby (10')
14h10	Conventional facilities – K. Hedin (25'+5')

*14h40: Coffee*

15h00	Accelerator – M. Lindroos (35'+10')
15h45	Target – R. Linander (35'+10')
16h30	ICS – H. Carling (35'+10')

17h15	<i>TAC working session</i>
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*18h30: Transport to restaurant (Bus from ESS Site and ESS Tunavägen)*

*19h00: Social dinner at Flädie mat och vingård*

*22h00: Transport to Hotel Planetstaden and Lund C/ESS Tunavägen*

**Thursday 6 April, 2017**  
**Location: ESS Office - Tunavägen 24, Lund**

**Joint, and parallel sessions (08h30 - 12h30)**

<b>Joint session Target + Accelerator (Christinehof)</b>	
8h30	Monolith Atmosphere update – L. Emås (30') Beam Dump Design – F. Sordo (ESS Bilbao) (30')

<b>Controls – Status of MTCA platform (Lilla Tuna)</b>	
8h30	Digital platform system overview, variants and status – D. Piso Fernández (20') TOSCA Firmware framework – S. Farina (20') Embedded and application software stacks – H. Lee (20') Digital platform interfaces – A. Nordt (20') Deployment plan and risks – H. Carling (20')
10h10	<i>Coffee break</i>
<b>Controls – EPICS 7 at ESS</b>	
10h30	Overview of EPICS 7 – T.Korhonen (30') EPICS 7 applications and services – E. Laface (30') Implementation and deployment plan – S. Regnell (30') Expected benefits and risks with deploying EPICS 7 – T. Korhonen (30')

<b>Target session (Stora Tuna)</b>	
9h30	Safety Functions identified via accident analysis – F. Javier (30')
10h00	<i>Coffee break</i>
10h30	Cryogenic Moderator System design – Y. Bessler (Jülich) (30') Neutron beam extraction design update – J. Koning (HIT) (30') Bunker Update – Z. Lazic (30') Target “ready for beam” signal definition – L. Coney (30')

<b>Accelerator session (Christinehof)</b>	
9h30	Overview of Specialized Technical Services – J. Weisend II (10') Introduction to Vacuum – M. Juni Ferreira (5') Vacuum control system – H. Spoelstra (15')
10h00	<i>Coffee break</i>
10h30	Vacuum in Warm LINAC – S. Scolari (15') Vacuum in Cold LINAC – F. Ravelli (15') Vacuum in NSS – M. Juni Ferreria (15') Introduction to Cryogenics – P. Arnold (5') Test & Instruments Cryoplant & Auxiliaries – P. Arnold (15') Accelerator Cryoplant – X. Wang (15') Target Moderator Cryoplant – J. Jurns (15') Cryogenic Distribution System – J. Fydrych (15')

12h30: Lunch at Inspira, lower parts – By invitation only

**Parallel sessions Accelerator, Target and Controls**

<b>Accelerator (Christinehof)</b>	
13h30	Cryomodule Test Stand – W. Hees (20') Technical Water Support – A. Lundmark (20') Electrical support, racks and cabling – F. Jensen and E. Vaena (20') Plan for an initial beam power of 3 MW – M. Lindroos (20') RFQ cooling circuit – A. France (CEA/Saclay) (20')

<b>Target (Stora Tuna)</b>	
13h30	Target wheel drive, bearings, and shaft seals design – F. Sordo (ESS Bilbao) (30')

<b>Controls – Installation (Lilla Tuna)</b>	
13h30	ICS Installation Planning Overview – H. Novella (40')

**TAC Working sessions (14h00 - 18h30)**

~ 15h45: Coffee

18h30: Transport from ESS to Hotel Planetstaden

19h00: TAC Dinner (Hotel Planestaden)

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**Friday, April 7, 2017**

**TAC Sessions (08h30 - 12h15)** With additional interviews on TAC request.

~ 10h30: Coffee

12h15 - 13h30: Lunch \*TAC Members Only\* - Hyllan, Inspira, Medicon Village.

**Close outs (13h30 - 14h45)**

13h30: TAC working sessions (closed session)

14h00: TAC#15 Close out (open session)

15h00: End of meeting