

ESS Ad-hoc Interface Advisory Committee meeting 4<sup>th</sup> & 5<sup>th</sup> October 2016

**Date:** 4<sup>th</sup> & 5<sup>th</sup> October 2016

**Place:** 4<sup>th</sup> & 5<sup>th</sup> October: ESS HQ, Tunavägen 24 Lund, Meeting Room: Linneasalen  
5<sup>th</sup> October: Lunch at ESS Construction site, Odarslövsvägen 113

**Time:** 4<sup>th</sup> October 09:00 – 17.30  
5<sup>th</sup> October 09.00 – 14:00

**Tuesday 4<sup>th</sup> October 2016**

08:30 Transport from hotel Planetstaden to ESS HQ

09:00	<b>Charge to IAC</b> (5 min + 5 min QA)	<i>M. Arai</i>
09:10	<b>ESS organizational efforts to mitigate the interface issues</b> Change in the Project structure and assignment of the Project Manager. Bridging sub-projects and facilitating cross cutting interaction. (15 min +15 min QA)	<i>J. Haines</i>
09:40	<b>Quick summary</b> of the overall concept / strategy for the monolith / bunker shielding, including shutters Overview of the system and ramping up scenario including accelerator power and installation of instruments. (15 min + 20 min QA)	<i>E. Pitcher and S. Kennedy</i>

10:15 – 10:45 Coffee in Ljussgården

10:45	<b>Coordination/strategy of shielding and beam line shield</b> (15 min + 25 min QA)	<i>P. Bentley</i>
11:25	<b>Beam extraction system and alignment</b> <ul style="list-style-type: none"> <li>• mechanical design</li> <li>• requirements including vacuum atmosphere and heating and cooling.</li> <li>• maintenance scheme: how to service in-monolith components</li> </ul> (20 min + 45 min QA)	<i>D. Martin Rodriguez and J. Koning</i>

12:30 – 13:30 Lunch in Ljussgården, IAC and by invitation

13:30	<b>Bunker I</b> <ul style="list-style-type: none"> <li>Requirements (10 min + 20 min QA)</li> <li>Neutronics design – this could include activation analysis (15 min + 30 min QA)</li> <li>Preliminary Engineering (10 min + 20 min QA)</li> </ul>	<i>Z. Lazic</i>  <i>S. Ansell</i>  <i>Z. Lazic</i>
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15:15 – 15:45 Coffee in Ljugården

15:45	<b>Bunker II</b> <ul style="list-style-type: none"> <li>interfaces – to focus on bunker to CF and bunker to instruments (10 min + 20 min QA)</li> <li>maintenance scenario after activation (10 min + 20 min QA)</li> </ul>	<i>Z. Lazic</i>  <i>I. Sutton</i>
16:45	<b>IAC Discussions</b> <i>(75 min)</i>	<i>IAC Only</i>

18:30 Transportation to Mat & Destillat, Kyrkogatan 17 for the IAC members

19:00 Dinner at Mat & Destillat, IAC and by invitation

### Wednesday 5<sup>th</sup> October 2016

08:30 Transport from hotel Planetstaden to ESS HQ

09:00	<b>IAC Deliberation</b> <i>(150 min)</i>	<i>IAC Only</i>
11:30	<b>Close out</b> <i>(30 min)</i>	

12:00 Transport from ESS HQ to ESS Construction Site

12:15 – 14:00 Lunch together with the TAC members

14:00 End of meeting and transportation to Lund Central station

### Schedule of Ad-hoc Interface Advisory Committee (IAC) #1 and TAC #14

October, 2016				
	4th (Tue)	5th (Wed)	6th (Thu)	7th (Fri)
Mornig	IAC (Presentation + QA) 9:00-12:30	IAC (Deliberation) Close-Out 11:30-12:00	TAC	TAC (Close out)
Afternoon	IAC (Presentation + QA) 13:30-17:30	TAC (IAC Chair Report at TAC)	TAC	
Evening	IAC Dinner 19:00	TAC Dinner		