Day 1 (Seminar room 'Tänka	artanken' at ESS premises ¹)	Day II (Seminar room 'Max III' at MAX IV premises ²)
Morning slot 10:00 – 13:00	Afternoon slot 13:00-19:00	Morning slot 09:00-13:00 Afternoon slot 13:00-16:00
Lecture Slot I – Introduction to the large- scale facilities and access modes 10:00 – 10:10 Anna Ponzio	Lecture Slot III – Neutrons based techniques for resolving challenges in Welding and Corrosion	Lecture Slot V – Academia on large-scale facilities related projects in collaborations with industry
(Jernkontoret) Foreword on the platform, BIR2Gain project, and the workshop	13:00-13:20 Jochen Fenske (HZG) The potential for welding and corrosion investigations on the materials engineering diffractometer BEER at ESS	O9:00 - 09:20 Jens Birch (LU)O1In situ and in operando high-energyIn situ and in operando high-energyX-ray characterization of hardYprotective tool coatingsY
10:10– 10:30 Shane Kennedy (ESS ERIC) Introduction to ESS and its capabilities	13:20-13:40 Joe Kelleher (ISIS) 13:20-13:40 Joe Kelleher (ISIS) Engineering Diffraction and Industrial research at ISIS 13:40-14:00 Robin Woracek (ESS) Neutron Imaging & Diffraction based techniques for resolving challenges in Welding and Corrosion 14:00-14:20 Joachim Schnadt (MAX IV / Lund University) Soft X-ray spectroscopy for resolving Corrosion-related challenges 14:40-15:00 Oliver Balmes (MAX IV) Opportunities for metallurgical studies at MAX IV Discol - 18:00 Tour I ESS construction site	09:20 - 09:40 Peter Hedström (KTH)14:00 - 14:45 Round-tablePhase transformations in steels studied by synchrotron X-rays and neutronsBuilding a Swedish national platform facilitating the use of large-scale
IV) Introduction of MAX IV and its capacities		09:40 – 10:00 Magnus Colliander facilities for metallic materials (Chalmers University) Sample environment development for the engineering diffractometer at ESS – arabling in give metabling in give metabli
10:50 - 11:00: Cottee Break Lecture Slot II – Industries on lab-scale analysis of welding and corrosion including the challenges they cannot		ultra-high temperatures 10:00 – 10:20 Coffee break
resolve using these resources 11:00 – 11:20 Mikael Grehk (Sandvik) How large-scale research facilities like ESS and MAX IV may help in understanding the microstructural and corrosion properties of welds in stainless steels?		Open discussion I – "One-slide Indicator challenge" presented by an industry representative followed by open discussion driven by academic + large- scale facility experts; a 10:20 – 12:00 A 8 challenges, contributed by registered participants w
 11:20 – 11:40 Chris Knee (ESAB) Labscale studies of microstructural and residual stress effects in welds 11:40 – 12:00 Fredrik Lindberg (Swerea KIMAB) Standard Practices for labscale corrosion studies 		Or Brain-storm Solution Or Brain-storm Solution Solution Solution
12:00 - 13:00 Lunch 1) ESS HQ, Tunavägen 24, Lund	19:00 Workshop Dinner* *See the back for details	12:00 - 13:00: Lunch16:00 Departure of participants2) MAX VI, Fotongatan 2, Lund