

**CDR3: High throughput large field phase - contrast tomography beamline**  
**Thursday 8 December 2016, Meeting Room: IBS Seminar Room**

08:30	<i>Registration - ESRF central building</i>
Session 1: Project Description and Implementation – Chair: Elodie Boller	
09:00	General introduction (Alexander Rack - ESRF)
09:20	Project outline ID19 (Alexander Rack - ESRF) / project outline SW18: (Paul Tafforeau - ESRF)
09:30	Technical implementation (Paul Tafforeau - ESRF)
10:00	Open discussion on general project outline
10:20	<i>Coffee Break</i>
Session 2: Scientific case and Industrial Strategy – Chair: Ed Mitchell	
10:40	Industrial applications part 1 (Simon Zabler - Fraunhofer EZRT)
11:00	Industrial applications part 2 (Barbara Fayard - Novitom)
11:20	High-resolution imaging for human health: The need for a large field of view (Bert Müller - Basel University)
11:40	Palaeontology / anthropology (Fred Spoor - University College London)
12:00	Open discussion on scientific case and industrial strategy
12:30	<i>Lunch at the ESRF/ILL common restaurant</i>
Session 3: Short talks for discussions – Chair: Paul Tafforeau	
14:00	Studying shock by means of time-resolved X-ray imaging with ultra-high speed (Daniel Eakins - Imperial College London)
	Big data: an efficient image processing solution? (Laurent Bernard - Reactiv'Ip)
	Our perspective and expectations (Sven Roth - iRock Technologies )
	Filling gaps in 4D <i>in situ</i> tomography for materials science (Luc Salvo - SIMAP)
	Non-invasive methods to study the flow in liquid melts: The bubble/inclusion problem (Joerg Grenzer - HZDR)
	Looking inside life with X ray imaging: cineradiography (Renaud Boistel - IPHEP)
	How to investigate mineralized and non-mineralized organs/structures on minute vertebrates? (Laurent Viriot - IGFL)
	A Carboniferous ecosystem in Montceau les Mines (Damien Germain - MNHN)
	A new challenge for ESRF-EBS: study cases from Mozambican therapsids as well as tetrapod eggs and embryos (Ricardo Araújo - Museu da Lourinha)
15:30	Open Discussion
16:00	<i>Coffee Break</i>
Session 4: Final Session – Moderators: Paul Tafforeau and Alexander Rack	
16:30	Continuation of discussions, summary of the discussions and finalization of the presentation for the second day based on this summary cross-session with other CDRs if requested
18:00	End of parallel sessions