

Einstein Telescope Design Update Workshop & Leibniz Alumni Meeting

Glasgow 5th to 8th of September 2017

organized by University of Glasgow and Leibniz University Hannover
under the auspices of the sponsorship programme “Research Alumni Meetings Abroad”
administered by the Alexander von Humboldt Foundation
and funded by the German Federal Ministry of Education and Research

Tuesday 5th of September (Sir Charles Wilson Building)

9:00 – 9:10	Welcome	Dr Michele Punturo, INFN Perugia Dr Harald Lueck, Leibniz University Hannover Prof Stefan Hild, University of Glasgow
9:10 – 9:20	Greetings from the Humboldt Foundation	Dr. Dagmar Broemme, Alexander von Humboldt Foundation
9:20 – 9:45	The story of Advanced LIGO, and beyond	Dr David Shoemaker, MIT, Spokesperson of the LIGO Scientific Collaboration
9:45 - 10:10	Surface vs underground GW detectors or the noise source you cannot shield	Prof Jo van der Brand, Nikhef, spokesperson of the VIRGO collaboration
10:10 – 10:35	Cosmology and Astrophysics with 3G GW detectors	Prof Salvatore Vitale, MIT
10:35 – 11:00	Worldwide coordination towards a 3G network	Prof Sheila Rowan, University of Glasgow, Chair of the Gravitational Wave International Committee (and Chief Scientific Advisor to the Scottish Government)
11:00 – 11:30	Coffee Break	
11:30 – 12:15	Detecting gravitational waves in space	Prof Karsten Danzmann, Leibniz University & AEI Hannover, PI of GEO600, PI of LISA.
12:15 - 13:00	Research and Research Funding Opportunities in Germany in the context of Research Alumni Work	Dr. Dagmar Broemme, Alexander von Humboldt Foundation
13:00 – 14:00	Lunch Break	
14:00 – 14:15	Intro to Updating the ET Design	Prof Stefan Hild, University of Glasgow
14:15 – 14:45	Overview of the ET design and next steps on the ET roadmap	Dr Michele Punturo, INFN Perugia
14:45 – 15:00	Report from GWIC 3G R&D committee	Dr Harald Lueck, Leibniz University Hannover
15:00 – 16:00	ET design update plenum (I)	All (moderators Lueck, Punturo, Hild)
16:00 – 16:30	Coffee Break	
16:30 – 18:00	ET design update plenum (II)	All (moderators Lueck, Punturo, Hild)
18:00 – 20:00	Networking reception + dinner	

Wednesday 6th of September (Wolfson Medical School)

9:00 – 10:30	Research Alumni network: Past Experiences and future opportunities	Dr. Meike Huntebrinker Geschäftsführerin der Graduiertenakademie Gottfried Wilhelm Leibniz Universität Hannover, Dr. Birgit Barden-Laeufer, Leiterin des Hochschulbueros fuer Internationales.
10:30 – 11:00	Discussion: Capacity building in Europe; Joint PhD programmes?	All + Joe Galloway (Research Support Manager EU + International) and Ryan Reed (Senior Academic Collaborations Manager) both Glasgow University
11:00 – 11:30	Coffee Break	
11:30 – 13:00	Working Group Time	All
13:00 – 14:00	Lunch Break	
14:00 – 15:00	GraWIToN Thesis Competition - 4 minute talk	All early career researchers funded by the GraWIToN International Training Network
15:00 – 16:00	Working Group Time	All
16:00 – 16:30	Coffee Break	
16:30 – 17:15	Working Group Time	All
17:15 – 18:00	Plenum: Updates from all Working Groups	All (moderator: Punturo)

Thursday 7th of September (Wolfson Medical School)

9:00 – 11:00	Working Group Time	All
11:00 – 11:30	Coffee Break	
11:30 – 13:00	Working Group Time	All
13:00 – 14:00	Lunch Break	
14:00 – 15:00	Plenum: Updates from all Working Groups	All (moderator: Lueck)
15:00 – 16:00	Working Group Time	All
16:00 – 16:30	Coffee Break	
16:30 – 18:00	Working Group Time	All

Friday 8th of September (Wolfson Medical School)

9:00 – 9:30	Plenum: Discussion	All (moderator: Hild)
	Working Group Time	All
11:00 – 11:30	Coffee Break	
11:30 – 13:00	Close-Out Plenum: Summary and Next Steps	All (moderators Lueck, Punturo, Hild)

Context

The meeting is a constituent part of the collaborative project “International Research Marketing” which is a joint initiative by the Alexander von Humboldt Foundation, the German Academic Exchange Service, the Deutsche Forschungsgemeinschaft and the Fraunhofer-Gesellschaft. All the activities within the project are part of the “Promote Innovation and Research in Germany” initiative under its brand “Research in Germany”. The initiative is funded by the German Federal Ministry of Education and Research.

