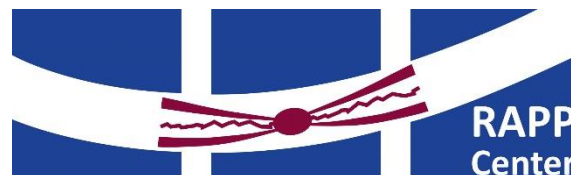


# Ruhr Astroparticle and Plasma Physics Center

## Inauguration Conference – Program



### Welcome Reception – September 21<sup>st</sup>

Planetarium Bochum, Castroper Str. 67, Bochum

19:00	Registration and come together
19:30	Introduction and Show
21:00	Fingerfood and Beverages

### Opening Ceremony and scientific discussion – September 22<sup>nd</sup>

Ruhr-Universität Bochum, Hörsaal H-NB

08:30	<b>Opening Ceremony</b> - Moderation: Peter Biermann Speaker: Prof. Julia Tjus (RAPP Center), Dr. Gunter Friedrich (MERCUR), Rektor Prof. Dr. Axel Schölmerich (RUB), Prorektor Prof. Dr. Metin Tolan (TUD), Dekan Prof. Dr. Ulrich Wiedner (RUB), Dekan Prof. Dr. Götz Uhring (TUD), Dekan Prof. Dr. Michael Schreckenber (DUE)	
09:15	Markus Böttcher	Relativistic Jets from Active Galactic Nuclei
09:45	Anna Scaife	LOFAR & SKA
10:15	Francis Halzen	IceCube and the Discovery of High-Energy Cosmic Neutrinos
10:45	Coffee Break	
11:15	Tova Yoast Hull	Cosmic Rays from starburst galaxies
11:45	Susanne Aalto	Cold jets and dense cores in galaxies with extremely compact nuclei
12:15	Ralph Engel	Cosmic ray interactions in the atmosphere
12:45	Michael Schmelling	Studies of forward particle production with LHCb
13:15	Lunch Break	
14:30	Karl-Heinz Kampert	Cosmic ray observations
15:00	Marijke Haverkorn	Cosmic rays and magnetic fields
15:30	Ming Zhang	Cosmic ray propagation in interstellar and interplanetary media
16:00	Coffee Break	
16:30	Isabelle Grenier	MWL view of the Galaxy
17:00	Paolo Desiati	Cosmic ray observations as probes into their propagation in interstellar medium
17:30	Round of Discussion	

### Conference Dinner – September 22<sup>nd</sup>

Restaurant Henrichshütte Hattingen

18:30	Departure of the bus – We offer free transport for 100 people
19:00	Conference Dinner
22:15	Arrival back in Bochum (University or Central Station)

### Scientific discussion – September 23<sup>rd</sup>

Ruhr-Universität Bochum, Hörsaal H-NB

09:00	Karl Mannheim	CR interactions in astrophysical sources
09:30	Christoph Pfrommer	The physics of propagating TeV gamma-rays: from plasma instabilities to cosmological structure formation
10:00	Günter Sigl	Some Aspects of Cosmic Magnetic Field Evolution
10:30	Coffee Break	
11:00	Katharina Morik	Data mining
11:30	Chuck Dermer	Blazar Modeling and the Minimum-Power Condition in Blazars
12:00	Dominik Elsässer	Observational gamma-ray astronomy: recent highlights and the path towards CTA
12:30	Round of Discussion	
13:00	Lunch Break	

as September 21<sup>st</sup>