

SCHEDULE

September 2-6

-53rd Young European Radio Astronomers Conference

Monday

Time	Activity / Talk	Name
18:00 – 21:00	Registration + Welcome Cocktail	

Tuesday

Time	Activity / Talk	Name
9:00 – 9:20	Registration	
9:20 - 9:40	Welcome	
9:40 – 10:00	"First detection in the interstellar medium of the high-energy isomer of cyanomethanimine: H2CNCN"	David San Andrés de Pedro
10:00 – 10:20	"First extragalactic detection of a phosphorus-bearing molecule with ALCHEMI: Phosphorus nitride (PN)"	David Haasler García
10:20 - 10:50	Coffee Break	
10:50 – 11:10	"Complex Chemistry at the Earliest Stage of Low-mass Star Formation"	Samantha Scibelli
11:10 – 11:30	"Complex organic molecules detected in hot cores with machine learning"	Nina Kessler
11:30 – 11:50	"From ASHES to ASSEMBLE: A Dynamic View of Massive Protocluster Formation and Evolution"	Fengwei Xu
11:50 – 12:10	"A chemical Inventory of Molecular Gas in the Milky Way's Nuclear Chimney"	Veena Vadamattom Shaji
12:10 – 12:30	"Multi-scale study of sulphur chemistry in hot corinos"	Patricia Fernández-Ruiz
12:30 - 14:00	Lunch	
14:00 – 14:20	"The chemistry of the dark cloud TMC-1"	Raúl Fuentetaja Álvarez
14:20 – 14:40	"A statistical approach to infer molecular cloud conditions from multi-molecular lines analysis of Horsehead nebula observations"	Léontine Ségal

Time	Activity / Talk	Name
14:40 – 15:00	"Protostellar outflow shocked regions: astrochemical laboratories at our disposal : The case of L1157"	Juliette Robuschi
15:00 – 15:20	"Modeling of the High-velocity Jet Powered by the Massive Star MWC 349A" $$	Antonio Martínez- Henares
15:20 – 15:50	Coffee Break	
15:50 – 16:10	"Chemical complexity in starless and pre-stellar cores"	Andrés Megías Toledano
16:10 – 16:30	"Radio Emission in Massive Protostars: Characterising the Properties of Jets"	Hannah Walker
16:30 – 16:50	"The nature of the extremely high-velocity sources towards the HH80/81 region"	Raquel Nohemy Mejia Espinoza
16:50 – 17:10	"Looking for star-planet interaction in the CARMENES M-dwarf sample with radio observations"	Luis Peña-Moñino

Wednesday

Time	Activity / Talk	Name
9:00 – 9:20	"Circularly polarized modulated radio emission from a low-mass dipper star system: 2M0508-21"	Simranpreet Kaur
9:20 – 9:40	"Effects of (internal) UV and X-ray emission in AGB's envelopes"	Jaime Alonso Hernández
9:40 – 10:00	"New molecular and deep RRL detections towards PNe"	Teresa Huertas- Roldán
10:00 - 10:20	"M1-92: multi-species modelling and the death of a star"	Elisa Masa Andrés
10:20 - 10:50	Coffee Break	
10:50 – 11:10	"Mapping the diffuse magnetised gas in the Shapley supercluster"	David Alonso López
11:10 – 11:30	"Revealing dynamical resonances of bars in PHANGS galaxies"	Marina Ruiz- García
11:30 – 12:30	ROM Tour	
12:30 – 14:00	Lunch	
14:00 – 14:20	"J-HERTZ: a radio counterpart catalogue for J-PLUS"	David Fernández Gil
14:20 – 14:40	"PHANGS-MeerKAT and MHONGOOSE HI observations of nearby spiral galaxies: physical drivers of the molecular gas fraction, Rmol"	Cosima Eibensteiner
14:40 – 15:00	"Spectral Energy Distribution of NGC253, a multi-wavelength high resolution approach"	Pedro Kurmi Humire Rodríguez

Time	Activity / Talk	Name
15:00 – 15:20	"Revealing the sub-arcsecond nature of radio galaxies in Abell 2255"	Emanuele De Rubeis
15:20 – 15:40	"A molecular look at the local starburst galaxy M82"	Miguel Montero Vega
15:40 – 16:10	Coffee Break	
16:10 – 16:30	"The magnetic field structure of the central region of the starburst galaxy NGC253"	Davide Belfiori
16:30 – 16:50	"The structure and evolution of radio jets in the nearby Universe."	Lucy Clews
16:50 – 17:10	"Studies of compact AGNs at low frequencies with LOFAR"	Aleksandra Krauze
17:10 – 17:30	"Long-term radio variability of AGNs at 37 GHz"	Sofia Kankkunen
17:30 – 17:50	"Spectral ageing analysis of megaparsec-scale DDRGs: Dynamics of inner and outer lobes"	Mousumi Mahato
17:50 – 18:10	"NOEMA resolves the core of CL J1226.9+3332"	Miren Muñoz Echeverría

Thursday

Time	Activity / Talk	Name
8:15	Bus departure from Atocha	
9:30 – 10:20	Welcome Coffee	
10:20 - 10:40	Reception	
10:40 – 11:00	"Receiver developments in Yebes Observatory. Current status and future work."	Andrea Martínez Parra
11:00 – 11:20	"An Instrumental Simulation tool for radio interferometric swarm of satellites"	Erwan Rouillé
11:20 – 13:30	Yebes Observatory Tour	
13:30 - 15:00	Lunch	
15:00 – 19:00	Social Activities & Conference Dinner	
20:15	Bus departure from Yebes Observatory	

Friday

Time	Activity / Talk	Name
9:40 – 10:00	"MPIfR-MeerKAT Galactic Plane Survey (MMGPS) I: System setup and early results"	Denisha Shanice Pillay
10:00 – 10:20	"The bursting activity of the magnetar XTE J1810-197"	Weronika Puchalska
10:20 - 10:50	Coffee Break	
10:50 – 11:10	"Exploration of radio powerful AGN"	Pedro M. Martins
11:10 – 11:30	"LOFAR Legacy 58 MHz Survey of the 3CRR Catalogue"	Jort Boxelaar
11:30 – 11:50	"Simulations for the inclusion of the next generation SKA radio telescopes in the global VLBI networks"	Candela Chico Herrera
11:50 – 12:10	"Exploring the extragalactic radio source population at high resolution with wide-field VLBI surveys and paving the way for SKA."	Ann Njeri
12:10 – 12:30	Concluding remarks	
12:30 – 14:00	Lunch	