Monday 5 Sep.

9:30-10:25:	Registration and Coffee
Session 1: PAH formation and destruction - Chair: Alexander Tielens	
10:25	Welcome
10:30	Small Pieces Make up the Big Story - Opening Lecture Cosmic PAH2022 - **Leen Decin**, *KU Leuven*
11:00	The Abundance of Polycyclic Aromatic Hydrocarbons Resolved in Nearby Galaxies - **Jérémy Chastenet**, *University of California San Diego*
11:30	Comparing spatially resolved PAH-SFR and PAH-CO correlations in the galactic environments of M51 - **Ryan Chown**, *University of Western Ontario*
11:50	An experimental investigation of the reactions of atomic oxygen and nitrogen with benzene, toluene and pyridine as case studies to address the survival of PAHs and PANHs in space - **Nadia Balucani**, *DCBB - Università degli Studi di Perugia*
12:10	Spectroscopic evidence of low-temperature polycyclic aromatic hydrocarbon formation - **Daniël Rap**, *Radboud University, FELIX Laboratory*
12:30-13:30	Lunch
13:30	Theoretical view of PAH and dust processing in the interstellar medium - **Hiroyuki Hirashita**, *Academia Sinica*
14:10	Studies of PAHs and fullerenes in DESIREE - **Henning Zettergren**, *Stockholm University*
14:40	Formation, transformation, and destruction of cationic cosmic PAHs driven by VUV radiation - **Ugo Jacovella**, *Université Paris-Saclay, CNRS, ISMO*
15:00	Cooling dynamics of nitrogen-containing PAH cations (PANHs) - **Suvasthika Indrajith**, *Stockholm University*
15:20	VUV photoprocessing of aliphatic PAH cations in astrophysical conditions - **Alexandre Marciniak,** *Université Toulouse III / CNRS*
15:40-16:10	Coffee
Session 2: PAH spectroscopy from lab to space - Chair: Els Peeters	
16:10	The high-resolution isolated aromatic universe - **Wybren Jan Buma**, *University of Amsterdam*
16:40*	Spectroscopic Characteristics of Polycyclic Aromatic Hydrocarbons in Space - **Christiaan Boersma**, *NASA Ames/SJSURF*
17:10	Linking Characteristics of the Polycyclic Aromatic Hydrocarbon Population with Galaxy Properties: A Quantitative Approach Using the NASA Ames PAH IR Spectroscopic Database – **Alexandros Maragkoudakis**, *NASA Ames Research Center*
18:00-20:30	Poster Session + Dinner Buffet + Lab Tours, Physics Canteen

* Online

Tuesday 6 Sep.

Chair:	**Els Peeters**
9:00	Photophysics of astroPAHs in the laboratory - **Christine Joblin**, *IRAP, Université Toulouse III / CNRS*
9:40	The photochemistry of PAHs: insights from theory and experiments - **Alessandra Candian**, *University of Amsterdam*
10:10	Modeling the Mid-infrared Spectra of Interstellar Grains (PAHs) with hierarchical Bayesian inference - **Dangning Hu**, *AIM/CEA Paris-Saclay*
10:30-11:00	Coffee
Chair:	**Annemieke Petrignani**
11:00*	A multi-spectroscopic approach to reveal the astrochemistry of polycyclic aromatic hydrocarbons - **Melanie Schnell**, *Deutsches Elektronen-Synchrotron DESY*
11:30	PAH fragmentation and formation processes probed by infrared action spectroscopy - **Sandra Brünken**, *FELIX Laboratory, Radboud University*
12:00	Infrared spectra of protonated and hydrogenated corannulene (C20H10) & sumanene (C21H12) using matrix isolation in solid p-H2 - **Pavithraa Sundararajan**, *National Chiao Tung University*
12:20	High-Resolution Spectroscopy of Irregular PAH Molecules - **Hernán Velásquez Navarro**, *University of Amsterdam*
12:40	Electronic Spectra of O-functionalized PAHs: A Potential Carrier of the Extended Red Emission? - **Gabi Wenzel**, *InterCat, Aarhus University*
13:00-14:00	Lunch
14:00*	Modelling anharmonic PAH vibrational bands in the JWST era - **Giacomo Mulas**, *Istituto Nazionale di Astrofisica - Osservatorio Astronomico di Cagliari – cancelled*
14:30*	Computing Fully Anharmonic Cascade Emission Spectra for PAH Molecules: Comparison to Observations - **Timothy Lee,** *NASA Ames Research Center*
14:50	Simulating infrared spectra of polycyclic aromatic hydrocarbons by machine learning accelerated molecular dynamics - **Zeyuan Tang**, *InterCat, Aarhus University*
15:10	Looking for neutral C60 in interstellar clouds - **Gaël Rouillé**, *Max Planck Institute for Astronomy at the Friedrich Schiller University Jena*
15:30-16:10	Coffee + Posters
Session 3: The relationship of PAHs, fullerenes and dust - Chair: Farid Salama	
16:10	Interstellar Fullerenes - **Jan Cami**, *University of Western Ontario*
16:40	Synthesis and spectroscopic characterisation of molecular ions for astrochemical consideration **Ewen Campbell**, *University of Edinburgh*
17:10	Shock-induced destruction of fullerenes and cosmic dust analogues: a laboratory perspective **Ludovic Biennier**, *Institut de Physique de Rennes*
17:30	IR spectroscopy of protonated fullerenes - **Jos Oomens**, *FELIX Laboratory, Radboud University*

* Online

Wednesday 7 Sep.

Chair:	**Christine Joblin**
9:00	Chemical nature of the carbonaceous material produced by evolved stars - **Jose Angel Martin-Gago**, *Instituto ciencia de Materiales de Madrid, CSIC*
9:30	Graphene and Quantum dots – Important Constituents of PAH Rich Astrochemical Dust **Bhalamurugan Sivaraman**, *Physical Research Laboratory*
9:50	Hydrocarbon content in Si + C (star)dust growth processes - **Sandra Wiersma**, *Université Toulouse III / CNRS*
10:10	A plausible molecular mechanism to explain the widely observed near-IR continuum emission: recurrent fluorescence - **Ozan Lacinbala**, *Paris-Saclay University*
10:30-11:00	Coffee
11:00	Low Temperature Formation of Carbonaceous Grains from Hydrocarbons and PAHs with the COSmIC Facility - **Farid Salama**, *NASA Ames Research Center*
11:30	PAHs and PAH clusters : Insights from theoretical modelling - **Mathias Rapacioli**, *Laboratoire de Chimie et Physique Quantiques*
12:00*	Molecular Dynamics Studies of PAH Growth via Cluster Formation - **Partha P. Bera**, *NASA Ames Research Center*
12:30*	Anomalous Microwave Emission: Carbon-based or silicate-based carriers? - **Nathalie Ysard**, *Université Paris-Saclay, CNRS*
13:00-14:00	Lunch
Chair:	**Liv Hornekær**
14:00	Charge distribution based emission model of PAHs and fullerenes - **Ameek Sidhu**, *University of Western Ontario*
14:20	Uptake of molecules by nanometer-size PAH clusters - **Michal Fárník**, *J. Heyrovsky Institute of Physical Chemistry, ASCR*
14:40*	Photochemical Synthesis and Spectroscopy of Covalent PAH Dimers - **Michael Duncan**, *University of Georgia*
15:10	Coffee
From 15:30	AROS (Museum)
17:00-21:00	Conference Dinner at AROS

* Online

Thursday 8 Sep.

Session 4: PAHs in the solar system - Chair: Sergio Ioppolo	
9:30	Aromatic Organic Matter in Carbonaceous Meteorites - **Mark Sephton**, *Imperial College London*
10:00	Cometary carbonaceous molecules – view after Rosetta - **Nora Hänni**, *University of Bern*
10:30-11:00	Coffee
11:00	Molecular Wonderland: how Complex is Titan's Chemistry? - **Conor Nixon**, *NASA Goddard Space Flight Center*
11:30	Time-related Alteration of Aqueous-Phase Polycyclic Aromatic Hydrocarbon (PAH) Photoproducts in the Presence of TiO2 Nanoparticles - **Lindsey St. Mary**, *Oregon State University*
12:00	Ice radiolysis: Rate constants for molecular destruction and deuterium/hydrogen exchange - **Christopher Materese**, *NASA Goddard Space Flight Center*
Session 5: PAHs and interstellar chemistry - Chair: Tamar Stein	
12:30*	Formation of Astrochemical Relevant Organics by Gas Phase Ion-Molecule Reactions - **M. Samy El-Shall**, *Virginia Commonwealth University*
13:00-14:00	Lunch
14:00	Updates from the GOTHAM Project: Individual PAH Detections in Cold Dark Clouds - **Brett McGuire**, *Massachusetts Institute of Technology*
14:30	Fragmentation Dynamics of Fluorene Explored Using Ultrafast XUV-Vis Pump-Probe Spectroscopy - **Diksha Garg**, *Deutsches Elektronen-Synchrotron DESY*
14:50	Action gas phase spectroscopy of superhydrogenated PAHs - **Frederik Doktor Skødt Simonsen,** *Institute of Materials Science of Madrid*
15:10	The effect of curvature on the hydrogenation of PAHs - **Rijutha Jaganathan**, *InterCat, Aarhus University*
15:30-16:10	Coffee + Posters
16:10	Interaction of hydrogen, oxygen and their products on coronene films at low temperature - **Francois Dulieu**, *CY Cergy Paris Université*
16:40	Hydrogenation of Oxygen Functionalized PAHs - **John Thrower**, *InterCat, Aarhus University*
17:00	The Effect of PAH Adsorption on MgO Schottky Vacancy in Forsterite: A Machine-Learned Surrogate Model - **Dario Campisi**, *University of Chicago*

* Online

Friday 9 Sep.

Session 6 The bright future of PAH research - Chair: Nadia Balucani	
9:00	The JWST revolution in decoding PAH evolution - **Els Peeters**, *University of Western Ontario / SETI Institute*
9:30	On the 3.3 micrometer Infrared Emission Feature - **Alan Tokunaga**, *University of Hawaii*
10:00	The future of PAH observations in the solar system - **Stefanie Milam**, *NASA Goddard Space Flight Center*
10:30	Closing Talk - **Alexander Tielens**, *Leiden University*
End at 11:00	Coffee + Sandwich lunch

* Online