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http://www.cesr.fr/spip.php?rubrique48 =en

Contact person : C. Joblin

The Toulouse team is strongly involved in the study of the physics and chemistry of interstellar matter: gas, dust and thier interaction. The team provides an instrumental contribution to ESA space projects (HIFI on board Herschel). The team has also developed an original experimental set-up, PIRENEA for the study of the photophysics and chemistry of large molecules such as Polycyclic Hydrocarbons (PAHs) in physical conditions approaching those of interstellar space. Dr C. Joblin has a wide experience in the study of interstellar PAHs using a multidisciplinary approach that combines observations and laboratory experiments.

Key persons :

C. Joblin Senior CNRS Researcher

Expertise : interdisciplinary studies on polycyclic aromatic hydrocarbons (PAHs) and application to astrochemistry, president of the french National Program “Physics and Chemistry of the Interstellar Medium”, task manager in the FP6-RTN network “Molecular Universe”.

Role in VAMDC project : definition of standards for PAH(JRA1), NA1 (tasks: user requirements for PAH), Preservation and Quality Assurance (SA2)

A. Simon Research Associate,

Expertise : physico-chemist, experimental and theoretical studies on PAHs and their complexes with heavy atoms (Fe, Si in particular)

Role in VAMDC project : definition of standards for PAH(JRA1), NA1 (tasks: user requirements for PAH), Preservation and Quality Assurance (SA2)

A. Walters (UMR 5187) Professor

Expertise : Spectroscopy in radio-mm-submm-THz

Role in VAMDC project : Evaluation of spectroscopic data (SA2) and definition of standards (JRA1)

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