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Mathias Schultheis

Personal information:

- Family status: married, 1 child
- nationality: Austria
- birth date : 23 november 1967
- birth place: Vienna, Austria
- Driving license

Military service: **01/1997 - 12/1997:** Social work: work with mentally handicaped people
Vienna (Austria)

General studies **[1978-1983]** High school : Wasagymnasium IX, Vienne (Austria)
[1983-1986] Gymnasium in classical science (Latin, Grec), Wasa-
gymnasium IX, Vienna (Austria)

University studies

- **[1986-1992]** : study in astronomy at the University of Vienna
- **[1992-1993]** : Master thesis at the University of Vienna : *Galactic structured based on the distribution of AGB stars*
Supervisor : Prof. Maitzen, Dr. J. Hron
- **[1993-1998]** : PhD thesis in astronomy at the University of Vienna:
AGB stars in the galactic Bulge and the DENIS projetc
Supervisor : Prof. Maitzen, Dr. J. Hron, Prof. E. Dorfi

Diplômes **31/05/1986 :** baccalauréat
01/03/1993 : Diplome in astronomie (**cum laude**), University of Vienna
30/04/1998 : PhD thesis in astronomy, University of Vienna

01/10/2009: **Habilitation thesis at the Observatory of Besançon,
University of Franche Comté**
01/04/2018 : **Full Astronomer (equivalent to a full professor ship) at
Observatoire de la Cote d'Azur (Nice)**

[Oct. 2005 – 1 june 2013] Astronome-adjoint at the l'Observatoire de Besançon

[since june 2013] Astronome-adjoint at l'Observatoire de Côte d'Azur (OCA, Nice)

Responsabilities:

Since december 2015 : Head of the research group « Galaxie et Cosmologie » à l'OCA

Since january 2015 : Field/Target Analyst of APOGEE-2 (SDSS-IV)

Since february 2014 : Coordinateur of the « services d'observations à l'Observatoire de la Côte d'Azur »

Coordinateur of the international group GALCEN : The inner 200 pc of the Milky Way

Member of APOGEE (SDSS-3, SDSS-IV)

Membre in WEAVE

Membre of the board of de Gaia-DPAC newsletter

Membre of AS-GAIA

Responsible of the coordination of the observations of APOGEE (SDSS-3) in the Galactic Center

Member of the VISTA galactic Bulge survey (PI: D. Minniti)

Member of the SWG « Resolved stellar populations » in Euclid

Member of the GAIA-CU7 working group

Responsible of the Spitzer large program in the Galactic Center

Organisation of the conférence IAU 330 in april 2016 in Nice: Gaia in the sky

Organisation of a workshop EUCLID OU-LE3 in Nice (17-19 December 2013)

Organisation of a workshop GAIA-CU7 in Nice (11-13 December 2013)

Organisation of the school Evry Schatzmann: « **Low mass stars and the transition stars/brown dwarfs**, September 2011, Roscoff <http://ees2011.obs-besancon.fr/>

Organisation of an international colloquium : **Assembling the puzzle of the Milky Way: Formation, evolution and dynamics**, April 2011, Grand-Bornand

Organisation of an international colloquium: **Star formation under extreme conditions: the Galactic Center, December 2010**, Besançon

Research topics : AGB stars, stellar populations, stellar atmospheres of AGB stars, long-period variables, interstellar extinction, galactic structure, galactic Bulge, stellar evolution , kinematics, young stellar objects in the Galactic Centre Galactic, chemical abundances in the Galactic Center and the Bulge

Supervision of students

[2015] : **Phd thesis supervisor** : G. Nandakumar : Selection function of APOGEE, Gaia-ESO, RAVE et LAMOST and the inner 200 pc of the Galaxy

[2011]: **PhD supervisor thesis in collaboration with Beijing Normal University (China): B. Chen** : Interstellar extinction in 3D

[2010]: Supervisor of post-doc of S. Uttenthaler : AGB stars in the Bulge

[2010]: Co-supervisor (with C. Réyle) of a PhD thesis : « **Low mass stars** » **A. Rajpurohit**

[2009]: Co-supervisor (with T. Lebzelter) of a PhD thesis at the University of Vienna: "AGB stars and Gaia"

[2008]: Co-supervisor (with J. Blommaert) of a PhD thesis at the University of Louvain (Belgique): "Stellar populations in the Galactic Bulge"

[since 2006]: Supervision of several master thesis (M1 et M2)

Number of publications in refereed journals : **121**

Number of publications in conference proceedings: **96**

H-index (03/01/2018) : 40