

# Miroslava DESSAUGES

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## EDUCATION

<i>Doctor in Sciences (Astrophysics)</i>	University of Geneva (UniGE)	2003
Supervisors: Prof. A. Maeder (UniGE)		
Prof. S. D’Odorico (European Southern Observatory – ESO, Germany)		
<i>International Certificate in Astrophysics</i>	UniGE	2002
<i>Master in Physics</i>	University of Lausanne (UniL)	1999

## POSITIONS

<i>Maître d’Enseignement et de Recherche (45%)</i>	UniGE	2020–.....
<i>Scientific Collaborator 2 (from 2020 35%)</i>	UniGE	2010–.....
<i>Specialized Physicist (Physicien Spécialisé)</i>	UniGE	2007–2010
<i>Research Associate (Maître Assistante)</i>	UniGE	2006–2007
<i>Postdoctoral Research Fellow</i>	SNSF grant, UniGE	2003–2005
<i>PhD student, Assistant</i>	UniGE	1999–2003
<i>PhD student</i>	ESO, Germany	2000–2002

## FUNDED RESEARCH PROJECTS

<i>Co-applicant of the SNSF application of Prof. D. Schaerer (PI)</i>		2021–2023
“Star clusters, ISM, and ionizing photon escape in distant star-forming galaxies”		
<i>Co-applicant of the SNSF application of Prof. D. Schaerer (PI)</i>		2019–2021
“Stars, gas, and dust in distant star-forming galaxies”		
<i>Co-applicant of the SNSF application of Prof. D. Schaerer (PI)</i>		2017–2019
“Physical properties of distant star-forming galaxies”		
<i>Co-applicant of the Sinergia application of Prof. D. Schaerer (PI)</i>		2015–2018
“Star formation from the Milky Way to the Universe: Observations and simulations in the era of infrared and millimeter astronomy” (continuation)		
<i>Co-applicant of the Sinergia application of Prof. D. Schaerer (PI)</i>		2012–2015
“Star formation from the Milky Way to the Universe: Observations and simulations in the era of infrared and millimeter astronomy”		
<i>Co-applicant of the SNSF application of Prof. D. Schaerer (PI)</i>		2014–2017
“Physical properties of distant star-forming galaxies”		
<i>Co-applicant of the SNSF application of Prof. D. Schaerer (PI)</i>		2011–2014
“Multi-wavelength studies of distant star-forming galaxies”		

## SUPERVISION OF JUNIOR RESEARCHERS

<i>Supervision of a PhD student</i>	L. Barchiesi (Bologna University)	4 months in 2021
<i>Supervision of a postdoctoral fellow</i>	M. Messa (UniGE)	2020–.....
<i>Co-supervision of a PhD student</i>	D. Nagy (UniGE)	2019–.....
<i>Co-supervision of a PhD student</i>	M. Girard (UniGE)	2016–2019
<i>Scientific support of postdoctoral fellows</i>	M. Zamojski, K. Nakajima, A. Cava, M. Ginolfi (UniGE)	2011–.....
<i>Scientific support of a PhD student</i>	M. Bernet (ETHZ)	2006–2008
<i>Supervision of an undergraduate student</i>	C. Schneider (UniGE)	2005

## TEACHING

<i>‘Observations, data acquisition, data analysis’ course (8h/year)</i>	UniGE	2019–.....
<i>Instrumentation lectures (2h/year) at the Third Cycle (PhD level)</i>	UniGE	2009–2018
<i>Teaching Assistant in Physics III Astro. labs</i>	UniGE	2003–.....

## PROFESSIONAL MEMBERSHIPS AND SERVICE

<i>Representative</i>	Swiss representative at the ESO User Committee	2017–2022
<i>Representative</i>	Member of the working group on “ <i>ESO Scientific Prioritisation</i> ”	2019–.....
<i>Expertise</i>	Expert of the PhD thesis of Edoardo Iani (University of Padova)	2020
<i>Expertise</i>	Expert of the PhD thesis of Yoshinobu Fudamoto (Observatoire de Geneve)	2020
<i>Expertise</i>	Expert of the PhD thesis of Helen Giles (Observatoire de Geneve)	2019
<i>Expertise</i>	Expert of the PhD thesis of Vera Patricio (CRAL, Lyon)	2017
<i>Expertise</i>	Expert of the PhD thesis of Isadora C. Bicalho (Observatoire de Paris)	2018
<i>Referee</i>	Nature Astronomy	2019–.....
<i>Referee</i>	Astronomy & Astrophysics	2006–.....
<i>Referee</i>	Monthly Notices of the RAS	2006–.....
<i>Referee</i>	Astrophysical Journal	2005–.....
<i>HST TAC</i>	HST Telescope Allocation Committee (TAC) member	2020
<i>ALMA APR</i>	ALMA Proposal Review (APR) member	2015, 2016, 2018
<i>ESO OPC</i>	ESO Observing Programmes Committee (OPC) member	2009, 2010, 2011
<i>ESO OPC</i>	ESO Observing Programmes Committee (OPC) secretary	2000–2002
<i>Commission</i>	Equality commission of the UniGE Science Faculty	2010–2019
<i>Instrumentation</i>	Coordinator of the Science Working Group “ <i>Mass assembly of galaxies through cosmic time</i> ” of the ESO ELT MOSAIC Phase B study	2021–.....
<i>Instrumentation</i>	Member of the review board of the ESO VISTA instrument 4MOST	2019
<i>Instrumentation</i>	White Paper and Phase A study for the next generation ESO VLT instrument MAVIS	2017, 2020
<i>Instrumentation</i>	Member of the Swiss Science team of the ESO VLT 3rd generation instrument MOONS	2017–.....
<i>Instrumentation</i>	Member of the SKA Science Working Group	2017–.....
<i>Instrumentation</i>	Member of the Science Working Group “ <i>Galaxy formation and evolution and Intergalactic Medium</i> ” of the ESO ELT HIRES Phase A study	2016–2018
<i>Instrumentation</i>	Local coordinator of the UniGE concept study team for the ESO ELT instrument CODEX (now labelled HIRES)	2008–2010
<i>Instrumentation</i>	Science and software concept study team for the ESO VLT 3rd generation instrument, ESPRESSO	2006–2008
<i>Instrumentation</i>	Science concept study team for the ESO ELT instrument CODEX	2004–2008

## MEMBERSHIP

<i>Member</i>	Swiss Society for Astrophysics & Astronomy	2000–.....
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## CONFERENCE ORGANIZATION

<i>Editor</i>	Saas-Fee Advanced Course 28 entitled “Millimeter Astronomy”	2008
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**AWARDS**

<i>Prix Plantamour-Prévost</i> for the Master Thesis in Astrophysics	1999
<i>Prix de la Faculté des Sciences</i> (UniL) for the Master Exams in Physics	1998
<i>European Southern Observatory prize</i> for the “Future Astronomers of Europe” contest	1993

**LONG-TERM BREAKS**

<i>Maternity leave</i>	09/2012–06/2013
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