

## CURRICULUM VITAE: EWINE FLEUR VAN DISHOECK

- Current address:** Leiden Observatory  
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Max-Planck Institute für  
Extraterrestrische Physik  
Germany
- Education:** University of Leiden:  
B.Sc. Chemistry (cum laude) 31-01-1976  
B.Sc. Mathematics 01-02-1977  
M.Sc. Chemistry (summa cum laude) 15-01-1980  
Ph.D. (cum laude) on thesis  
*Photodissociation and excitation of interstellar molecules*  
Advisors: H.J. Habing and A. Dalgarno 19-06-1984
- Positions:** Junior Fellow, Harvard Society of Fellows 01-07-1984/01-07-1987  
Visiting member, Institute for Advanced Study 01-09-1984/01-09-1988  
Visiting professor, Princeton University 01-07-1987/01-07-1988  
Assistant Professor of Cosmochemistry, Caltech 06-09-1988/30-04-1990  
Senior Lecturer, University of Leiden 01-05-1990/31-03-1995  
Professor of Molecular Astrophysics, University of Leiden 01-04-1995/-date  
External Scientific Member, Max-Planck Institut  
für Extraterrestrische Physik, Garching 01-11-2007/-date  
Scientific Director NOVA 01-09-2007/-date
- Memberships:** Royal Dutch Academy of Sciences  
Foreign Associate, US National Academy of Sciences  
Foreign Honorary Member, American Academy of Arts & Sciences  
Associate member, Royal Astronomical Society UK  
Koninklijke Hollandsche Maatschappij der Wetenschappen  
American Astronomical Society  
International Astronomical Union  
Koninklijke Nederlandse Chemische Vereniging
- Research:** Interstellar molecules; Physical and chemical evolution during star- and planet-formation  
Astrochemistry; Submillimeter and mid-infrared astronomy;  
Basic molecular processes, Radiative transfer of line and continuum  
Laboratory astrophysics
- Publications:** Authored or co-authored 340 refereed papers, 51 invited reviews, >250 conference  
contributions, 20 miscellaneous and popular papers, and editor of 2 books; H-index 64

**Other affiliations and honors:**

Hewish lecture, Cambridge University, 2011  
Spitzer lectures, Princeton University, 2009  
Niels Bohr lecture, University of Copenhagen, 2008  
Grubb-Parson award lecture, University of Durham, 2007  
Petrie award and lecture, Canadian Astronomical Society, 2007  
Lindsay prize lecturer, Goddard Space Flight Center, 2006  
Chemerdal lecturer, Penn State University, 2005  
Cecilia Payne-Gaposchkin lecturer, Harvard University, 2005  
Physica lecture and prize, Netherlands Physical Society, 2005  
Helen Sawyer-Hogg distinguished visitor, University of Toronto, 2004  
Moore distinguished scholar, California Institute of Technology, 2003  
Aaronson award and lecture, University of Arizona Tucson, 2001  
Bourke medal and lectureship, Royal Society of Chemistry UK, 2001  
Spinoza prize, Netherlands Organization for Scientific Research (NWO), 2000  
Miller Research Professor, University of Berkeley, 2000  
Distinguished visitor, JILA, University of Colorado, 1999  
Bishop lecturer, Columbia University, 1998  
Tinsley Visiting Professor, University of Texas, 1997  
Gold Medal, Royal Dutch Chemical Society, 1994  
Maria Goeppert-Mayer Award, American Physical Society, 1993  
PIONIER award NWO, 1990–1995  
Pastoor Schmeits prize of Dutch Astronomy, 1986  
Franchimont prize of the Leiden Chemistry Department, 1980

### Selected Science Policy Functions:

Co-Editor ARA&A	2010–
Associate editor ARA&A	2005–2009
Member of the ALMA Board	2006–
Member of the European ALMA Board	2003–2006
Member and chair (2001) of the ALMA Science Advisory Committee	1999–2005
Chair of the European ALMA Science Advisory Committee	2003–2006
ALMA European Project Scientist	2002–2003
Member and chair (2011) of the Harvard visiting committee	2003–
Member of the Fachbeirat MPIA Heidelberg	2002–
Member of the IRAM visiting committee	2010
Member of the INAF Arcetri visiting committee	2007
Member of the SMA advisory committee	2005–2008
Co-I of the Herschel–HIFI Science team	1997–
Co-PI, European JWST–MIRI Consortium	2001–
Member of the Board of the Space Research Organization Netherlands (SRON)	2000–
Chair, Scientific Advisory Committee SRON	2007–2008
Chair, Science Advisory Committee, Faculty of Mathematics & Sciences, Univ. of Leiden	2003–2010
Member of the Board of the James Clerk Maxwell Telescope	1996–2000
Member of the ESA Astronomy Working Group	1999–2001
Member of the NGST-ESA Science Study Team	1998–1999
Member of the NASA NGST Ad Hoc and Interim Science Working Group	1999–2001
Chair, International Astronomical Union working group on Astrochemistry	1999–2011
Secretary, International Astronomical Union working group on Astrochemistry	1991–1999
Member of the Organizing Committee of IAU commission 34 on Interstellar Matter	1994–2000
Member/vice-chair of IAU commission 14 on Atomic & Molecular Data	2006–
Chair, Working group 5 on Molecular Data, IAU commission 14	1994–2003
Member of the NRAO Advisory Committee for the Millimeter Array	1994–1999
Scientific PI, Dutch Millimeter Array working group and NOVA receiver development	1994–2005
Coordinator, NOVA network on <i>Birth and Death of Stars and Planets</i>	1998–2007
Associate of the ISO–SWS Science team	1990–2001
Member of the VISIR Science team	1997–2007
Member of the RSC Astrophysical Chemistry committee	1998–2001
Member, VICI selection committee, Chemical Sciences	2003, 2006
Member, VICI selection committee, Exact Sciences	2007
Member, Science Advisory Committee, Faculty of Mathematics & Sciences, Univ. of Leiden	1996–2002
Member, Raad van Toezicht, LION	2000–
Member, Lorentz Center Astronomy Board	2004–2007
Chair, SOC for IAU Symposium 231 on <i>Astrochemistry</i> , Asilomar	2005
Co-chair, SOC From circumstellar disks to planetary systems, Garching	2009
Chair, SOC for IAU Symposium 280 on <i>Astrochemistry</i> , Spain	2011
Co-organizer of numerous other national and international meetings and workshops	

### PhD students supervised:

R. Gredel (w. A. Dalgarno), R.A. Beärda, D.J. Jansen, M.C. Spaans, O. Shalabiea (w. J.M. Greenberg), P. Gerakines (w. D. Whittet), F.P. Helmich, M.R. Hogerheijde, A. Li (w. J.M. Greenberg), F. van der Tak, R. van Harrevelt (w. M. van Hemert), G.J. van Zadelhoff, W.F. Thi, A. Al-Renawi (w. G.J. Kroes), E. Pijpers (w. G.J. Kroes), A. Boonman, G. Munoz-Caro (w. W. Schutte), K. Pontoppidan, J. Jørgensen, F. van Broekhuizen (w. S. Schlemmer), B. Jonkheid, P. Stäuber (w. A. Benz), F. Lahuis, V.C. Geers, S. Bisschop (w. H. Linnartz), D. Lommen, T. van Kempen, R. Visser, K. Öberg (w. H. Linnartz), S. Ioppolo (w. H. Linnartz), J. Bast, I. Oliveira (w. K. Pontoppidan), U. Yildiz, A. Karska, D. Harsono, I. San Jose-Garcia, X. Li

### Postdocs supervised:

A. Offer, K. Verbeek, G.J. Kroes, H.J. van Langevelde, W.A. Schutte, P. Ehrenfreund, C. de Boisanger, A. Koch, F.P. Helmich, C.M. Wright, H.J. Fraser, F.L. Schöier, S. Andersson, J.C. Augereau, I. Kamp, G. Fuchs, B. Merín, A. Crapsi, S. Bottinelli, J.M. Brown, L. Kristensen, G. Herczeg