



### Personal information

First name(s) / Surname(s) **Alessandro Bressan**  
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Nationality Italian  
Date of birth 01/11/1954  
Gender Male

### Work experience

Dates 01/08/2011  
Occupation or position held Full Professor  
Main activities and responsibilities Teaching, Research, Coordinator of the Astrophysics PhD, Member of the School Senate  
Name and address of employer SISSA  
Type of business or sector Educational/Research

Dates 1995-2011  
Occupation or position held Associate Astronomer  
Name and address of employer INAF, Astronomical Observatory of Padova (Italy)  
Type of business or sector Research/Education

Dates 1989-1995  
Occupation or position held Associate Researcher  
Name and address of employer INAF, Astronomical Observatory of Padova (Italy).  
Type of business or sector Research/Education

### Education and training

Dates November 1986  
Title of qualification awarded PhD  
Principal subjects covered Astrophysics, Stellar Evolution  
Name and type of organisation providing education and training SISSA (Trieste)

### Personal skills and competences

Organisational skills and competences  
Coordinator of the Astrophysics PhD 2011-2015  
Member of the SISSA Senate 2011-2015  
Coordinator of the Italian node of the European TMR programme "The Formation and Evolution of Galaxies", 1996-2001  
Referee for several international astrophysics journals

<b>Computer skills and competences</b>	Numerical methods for Astrophysics Fortran, IDL, Perl programming
<b>Publications</b>	~400 papers published on international journals Total citation number (from ADS) ~ 16000; H factor 56 Normalized citation number (from ADS) ~ 3500; norm. H factor 31
<b>Honours and awards</b>	2006 Commendatore dell'Ordine al Merito della Repubblica Italiana
<b>Memberships</b>	2005 Associazione Gruppo 2003, Charter Member 2004 ISI Highly Cited Researcher 2001 1993 International Astronomical Union (IAU)
<b>Lectures</b>	2010-1996 Lecturer of "Stellar Structure and Evolution" SISSA, TS, Italy 2005-2000 Lecturer of "Stellar Evolution and Population Synthesis" Ph.D. Course INAOE, Mexico 1998 Lecturer of "Population synthesis " PhD Course Hefei University, China 1995 Lecturer of "Numerical Methods for Astrophysics" Astronomy Department, Pd, Italy 1995-1990 Lecturer of "Theoretical Astrophysics" Astronomy Department, Padova, Italy. 1994 Lecturer of "Stellar Evolution" Ph.D. Course Universidad Autonoma de Madrid, Spain 1993-1990 Lecturer of "Stellar Evolution and Population Synthesis" SISSA, TS, Italy
<b>Research Activities</b>	<p><b>Stellar Evolution</b> Computation of stellar models and evolutionary tracks. Construction and maintenance of databases of stellar evolutionary tracks for stellar population studies of resolved and unresolved stellar systems. All masses from very low (0.1 Msun) to very massive (&gt;200 Msun) are evolved until advanced phases. Very broad range of initial chemical composition and partition of heavy elements are considered.</p> <p><b>Population synthesis</b> Isochrones in several photometric systems for the analysis of resolved stellar populations, such as star clusters in the Galaxy and in other nearby galaxies.</p> <p><b>Spectral Evolution of Galaxies</b> Study of the panchromatic integrated properties of star clusters and galaxies, from the far ultraviolet to the mid and far Infrared. Chemo-spectro-photometric models of galaxies, in a comprehensive range of magnitudes and colours, integrated spectra and narrow band indices.</p> <p><b>Interstellar medium</b> Analysis of effect of dust in the integrated light of galaxies. Prediction of dust yields from stellar environments.</p> <p>Specific observational projects for testing the predictions of stellar evolution theory and for the analysis of the properties of stellar populations in nearby and distant galaxies.</p>