

VENTURI TIZIANA

Place and Date of Birth: Bologna (IT), 25/01/1961

Nationality: Italian

CURRICULUM VITAE (January 2022)

Since 1 July 2017 Director of the Istituto di Radioastronomia, INAF

EDUCATION AND POSITIONS

- Since 1 September 2017 – Dirigente di Ricerca, Istituto di Radioastronomia, INAF
- From 1 January 2002 to 31 August 2017 - Primo Ricercatore, Istituto di Radioastronomia, INAF
- From 31 December 1988 to 31 December 2001 - Ricercatore III Livello, Istituto di Radioastronomia, INAF
- From 15 January 1989 to 30 March 1990 - Visiting Astronomer at the California Institute of Technology, Pasadena, USA

- Eligible for the position of University Full Professor (FIS/05) after the Abilitazione Scientifica Nazionale 2012

- 1989 – PhD in Astronomy at the University of Bologna
- 1985 – Laurea cum laude in Astronomy at the University of Bologna

VISITING SCIENTIST

- California Institute of Technology (Pasadena, USA) in 1991, 1992, 1993, 1994, 1995
- Chinese Academy of Sciences, Beijing Astronomical Observatory (China) in 1991
- Instituto de Astrofísica de Andalucía (Granada, Spain) in 1992
- Australia Telescope Compact Array (Epping, Australia) in 1994, 1995, 1996, 1999, 2000
- Chinese Academy of Sciences (Shanghai, China) in 2002, 2004, 2018
- National Centre for Radio Astrophysics (Pune, India) in 2003, 2004, 2005, 2006, 2008, 2013, 2014, 2019
- Italian Embassy in Pretoria (Pretoria, South Africa) in 2017, 2018 and 2019

CURRENT NATIONAL RESPONSIBILITIES

- Since Spring 2021 – INAF Scientific representative in the MeerKAT+ science group

- Since September 2017 – Chair of the VLBI Working Group WG02 in the INAF Radio Astronomy Office
- Since April 2019 – Member of the SKA Pathfinders Working Group WG04 in the INAF Radio Astronomy Office
- Since November 2018 – Member of the Italian SKA Board WG06 in the INAF Radio Astronomy Office

CURRENT INTERNATIONAL RESPONSIBILITIES

European VLBI Network

- Since July 2021 – Chairperson of the JIVE Council
- Since January 2021 – Chairperson of the Consortium Board of Directors of the European VLBI Network
- Since January 2021- Legal Representative of Italy in the JIV ERIC, nominated by MUR

Participation in Time Allocation Committees

- Chairperson of the European VLBI Network (EVN) Programme Committee from 1 June 2008 to 31 May 2011
- Scientific representative of Istituto di Radioastronomia in the EVN Programme Committee from 1 June 2005 to 31 May 2008 and from 1 June 2011 to 31 May 2012
- Member of the NRAO Peer Review Committee from 01 January 2009 to 31 December 2010
- External referee of GMRT Time Allocation Committee since 2005
- Member of the Chandra Peer Review for A014 (2012)

Participation in the EC Infrastructure Framework Programmes

RadioNet

- 2017 to May 2019 – Chairperson of the H2020 RadioNet Board
- 2017-2018 – Chairperson of the WP *Science Dissemination* in the H2020-RadioNet project
- 2012 – 2015 - Board member of the FP7 RadioNet3 Project (2012-2015)
- 2012 – 2015 Chairperson of the Science Working Group in FP7-RadioNet3
- From 1 January 2009 to 31 December 2011 - Chairperson of the Science Working Group in FP7-RadioNet2
- From 1 January 2004 to 31 December 2008 - Chairperson of the Science Working Group in FP6-RadioNet

JUMPING JIVE

- From 2017 – Chairperson of the WP The VLBI Roadmap in the H2020-JUMPINGJIVE Project
- Coordinator of the White Paper “The Future of VLBI” – Deliverable of JUMPING JIVE due to the EC in August 2020

Bilateral projects, EC projects of international scientific collaborations, and Projects of National Interest

- Since 2017 – Coordinator of the MAECI-RSA Progetto di Grande Rilevanza RADIO SKY 2020: Fostering the cooperation between Italy and South Africa through Radio Astronomy
- 2014 – 2017 – Coordinator of the MAECI-RSA project Mobilita’ “*Synergy between Italy and South Africa. Galaxy Clusters: a pivotal case for SKA precursor telescopes*”
- 2011 - 2015– Italian coordinator of the EC IRSES Project CAFEGroups (FP7)
- 2009 – 2010 – Coordinator of the Project of National Interest (PRIN-INAF), *Low Frequency Extragalactic Radio Astronomy in the LOFAR Era*
- 2005 – 2007: Italian coordinator of the Collaboration Italy-India (MAE – DST), *Investigation of the evolution of clusters, galaxy groups and active galaxies using low radio-frequency instruments*
- 2001 - 2003 and 2004 – 2006: Italian coordinator of the Collaboration Italy-Australia (CNR-CSIRO), *Studio a lunghezze d'onda radio di oggetti galattici ed extragalattici*
- 2001 – 2004: Italian coordinator of the Collaboration Italy-China (CNR-CAS), *VLBI. Sviluppo tecnologico di strumentazione e studio di radiosorgenti compatte*

INTERNATIONAL PANELS

- 2021 – Member of the ngEHT Project Advisory Committee;
- 2018-2020 – Member of the ASTRON Science Advisory Committee;
- 2019-2020 – Member of the ASTRON Apertif Review;
- 2017 – Panel reviewer for the Agence Nationale de la Recherche (France) for the proposal grant *A low-frequency radio imager for NenuFAR* (P.I. Zarka);
- 2017 – Panel reviewer for the NOW proposal grant *One facet of the LOFAR Sky Survey: feeding habits of the black holes hosted by multiple-cored nearby galaxy clusters* (P.I. A. Shulevski).

SCIENTIFIC ACTIVITY

Research in the field of galaxy clusters and radio galaxies on all scales

- SOC Member of about 20 conferences
- Tens of invited talks at international meetings
- Author of 180 papers on international reviewed journals
- Editor of 5 volumes (conference proceedings)
- Editor of the white paper VLBI20-30: a scientific roadmap for the next decade. The future of the European VLBI Network. Editors: T. Venturi, Z. Paragi, M. Lindqvist <https://arxiv.org/pdf/2007.02347.pdf>.

Bologna, 18 January 2021

Antonio Venturi