



Simposio Internacional: La radiación del Fondo Cósmico de Microondas: mensajera de los orígenes del universo

International Symposium: CMB Radiation: Messenger of the Origins of Our Universe

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Nazzareno (Reno) Mandolesi

Nazzareno Mandolesi (born 31 August 1944) studied Physics at the University of Bologna where he gained his degree (1964-1969). He spent the early '70s in UK (Imperial College of Science and Technology – London, University of Leeds, Atomic Energy Research Establishment - UKAEA – Harwell) in studying radio emission from extensive air showers of high energy cosmic rays and later on searching microwave emission from astrophysical violent events. At the end of the decade his interests moved to the Cosmic Microwave Background. Since then he was responsible for a number of experiments in the search for CMB anisotropies as well as precise measurements of the CMB frequency planckian spectrum and search for distortions. He was Co-Investigator of ISOCAM – ESA Infrared Space Observatory and is the Principal Investigator of the Low Frequency Instrument of the ESA Planck satellite since the starting proposal in 1993.

He spent most his career as researcher at the CNR (Consiglio Nazionale delle Ricerche) and INAF (Istituto Nazionale di Astrofisica). He was director of the Istituto TESRE-CNR and IASFBO-INAF (1994-2010) and President of the CNR Research Area in Bologna (2003). Member of a number of Committees and Advisory groups, among which Comitato Nazionale Scienze Fisiche – CNR, Astronomy Working Group and Space Science Advisory Committee of ESA, still active on the High Level Science Policy Advisory Committee of ESA, member of the ASI Director's Board (2011-2014) he served a number of national and international organizations.

His interests spanned into innovation and technological transfer as Responsible of the INAF national TTO.

He is presently Professor of Space Physics and of Technological Transfer at the University of Ferrara.

He was awarded by 6 prizes starting from the “Bruno Rossi prize” (2000) of the AAS to the last “Amaldi medal” of the Società Italiana di Relatività Generale e Fisica della Gravitazione (2014).

He is author of more than 330 publications and 12000 citations.