

## **Synthetic Curriculum Vitae et Studiorum** *(Salvatore Capozziello)*

Salvatore Capozziello received his laurea degree in Physics at the University of Rome "La Sapienza" and his PhD in Physics at the University of Naples "Federico II". Currently he is Associate Professor in Astronomy and Astrophysics at the University of Naples "Federico II", where he teaches Cosmology. He is associated at the Istituto Nazionale di Fisica Nucleare (INFN), Sezione di Napoli, with a Research Appointment in the Research Projects NA12 (Gravitation and Cosmology) and VIRGO-NA (Gravitational Waves). In 1993, he was awarded with the Prize for the Astrophysical Science of the Società Nazionale di Scienze, Lettere ed Arti (Accademia di Scienze Fisiche e Matematiche). In 1994, he got the Specialization in General Relativity, Cosmology and Particle Physics at the University of Naples "Federico II" and, in 1995, he got a post-doctoral position in Extragalactic Astrophysics and Cosmology at the Astronomical Observatory of Capodimonte (Naples). In 1996, he got another post-doctoral position in Physics of the Faculty of Science at the University of Naples "Federico II". Furthermore, in 1996, he obtained a Permanent Position as Lecturer in Theoretical Physics at the University of Salerno. He spent several research periods abroad. Among them, the *Fermi National Laboratories* in Chicago (USA) as a *visiting fellow*, the Astronomical Observatory of Potsdam (Germany), the University Center "Nicolaus Copernicus" at the University of Warsaw (Poland) and the Institute of Cosmology and Gravitation at the University of Portsmouth (UK). Since 2001, he was appointed for 5 years as *Associate Editor* and member of the *Editorial Board* of the international journal *General Relativity and Gravitation* (Springer Verlag). Since 2001, he has been a member of the *International Society of General Relativity and Gravitation*. Furthermore, he is regularly appointed as *referee* for the international magazines *General Relativity and Gravitation*, *Physics Letter A* and *B*, *Physical Review D*, *Classical and Quantum Gravity*, *Europhysics Letter*, *Modern Physics Letter A*, *Astronomy and Astrophysics*, *Astrophysics and Space Science*. He is a member of the Scientific Council of SIGRAV (Società Italiana di Relatività Generale e Fisica della Gravitazione). He has been a member of the *Project Gruppe fuer Kosmologie* at the University of Potsdam and of the GARRA (*Grupo de Astrofisica Relativista y Radioastronomia*) at the Instituto Argentino de Radioastronomia (IAR) in La Plata (Argentina). He is a member of the executive program of scientific and technological cooperation between Italy and South Africa on the research project *Alternative Theories of Gravitation and Cosmology*, II session (2005-2007). He carries out a considerable teaching activity at international level. Since 2001, he has been in the teaching staff (as teacher of Cosmology and General Relativity) of the *International PhD on Physics of Gravitation and Astrophysics*, which is an international PhD consortium among the Universities of Berlin, Portsmouth, Potsdam, Salerno and Zurich. He is *Contact Theacher* for the SOCRATES/ERASMUS programs with the Universities of Portsmouth (UK), Valladolid (Spain) and Wroclaw (Poland). He has had PhD teaching duties at *Karpacz Winter School of Theoretical Physics (Cosmology and Gravitation)* for the 2006 session. He is the Coordinator, for the Italian Side, of an *Integrated Bilateral Action* (2007-2008) between the University of Naples "Federico II" and the *Instituto de Ciencias del Espacio* -Barcelona (Spain) (Title of the Project: *Dark energy and Modified gravity*).

His scientific activity is essentially devoted to research topics in Cosmology, Relativistic Astrophysics and Physics of Gravitation in their theoretical and phenomenological aspects. In particular, his research interests are: extended theories of gravity and their cosmological and astrophysical application; the large scale structure of the universe; the gravitational lensing; the galactic dynamics; the quantum phenomena (as neutrino oscillations) in astrophysical and gravitational ambits; the quantum cosmology. The results of such researches are published in over 200 papers appeared in international journals (see SPIRES-HEP Database). He is author of various monographic texts (for the editors Bibliopolis, Liguori and Nova Science) on topics related to gravitational lensing, cosmology and general relativity. Among his interests, there are history of science and epistemology. In particular, he is concerned in studies on the concept of time and the history cosmological models. Since 2002, he has been teaching history of science at the Faculty of Science of the University of Salerno. Finally, he is involved in divulgation scientific programs for high-school students and teachers.