

## Enrico Scomparin – brief CV (December 2015)

Enrico Scomparin is a member of the staff of the Istituto Nazionale di Fisica Nucleare (INFN) since 1993, and is Senior Researcher (Primo Ricercatore) at INFN since 2002. He holds a PhD in Physics obtained at the University of Torino in 1993 (thesis title ``Produzione di  $\eta$  in collisioni protone-protone protone-nucleo in prossimita' della soglia''), and has been a CERN Fellow in the PPE division from 1996 to 1998.

His research activity is focused on experimental nuclear physics. In particular he worked at experiments on meson production in proton-proton and proton-nucleus collisions at intermediate energies, and then at experiments with ultrarelativistic heavy ions, studying the production of the Quark-Gluon plasma, a state of matter, formed at extreme energy densities, where quarks and gluons are no more confined inside hadrons.

He is/was a member of the following international collaborations:

- PINOT (Laboratoire Nationale SATURNE Saclay, 1988-1995), about 10 researchers
- NA50 (CERN, 1994-2005), about 100 researchers
- NA60 (CERN, 2003-2010), about 50 researchers
- ALICE (CERN, 2006-oggi), about 1000 researchers

His main interests include physics performance and data analysis studies. In particular, he is one of the leading experts on quarkonium physics in nuclear collisions, as certified by the large number of invited talks on this subject at international conferences and workshops, of related coordination roles inside international collaborations, and by the organization of several conference/ workshops on these topics.

He has also participated in the development/realization of innovative hadronic calorimeters based on the Cerenkov effect, and of Resistive Plate Chambers (RPC) detectors. He also took part in the planning phase of distributed computing for LHC experiments.

More recently, he has been involved in publication policy issues for the large LHC experiments, as chairman of the Editorial Board of the ALICE experiment and member of the CERN Scientific Information Policy Board.

As of December 8, 2015:

He is author (or co-author) of 198 publications on refereed international journals.

Bibliometric indicators for publications and citations (from ISI Web of knowledge):

Total citations: 9572

Total citations excluding self-citations: 8378

Average citations per item: 33.12

h-index: 52

He has given 58 talks at international conferences and workshops (23 out of them were invited ones), 9 talks at national conferences (4 among them were invited ones at the Italian Physical Society congress);

He has given lectures at 8 physics schools (5 out of them were international schools) and was invited to hold 3 seminars (at CERN, GSI and Nikhef);

He has been co-chairman of one International Conference (Hard Probes 2013), and is a member of the International Advisory Committee for the series of conferences "Hard and Electromagnetic Probes of High Energy Nuclear Collisions (Hard Probes)" (typical attendance: about 200 participants).

It has been organizer, or member of the scientific committee, for 6 other international conference/workshops;

He is, or has been, referee for the following international journals: "New Journal of Physics", "Physics Letters B", "Journal of Physics G", "European Journal of Physics C", "Journal of High Energy Physics".

He holds or has held the following main roles in experimental collaborations:

In the CERN NA60 experiment, he has been Physics Coordinator and Deputy Spokesman, as well as leader of the Zero Degree Calorimeter project;

In the ALICE experiment, he has been member of 7 Paper Committees and 5 International Review Committees, he has been member of the Conference Committee (CC) and of the Computing Board. He has been convener of the Dilepton and Quarkonia Working Group. He is presently chairman of the Editorial Board, and member of the Management Board, the Physics Board and the Collaboration Board of the experiment.

Concerning INFN organizational activities, he has been national coordinator for the IPER group (NA50/NA60 experiments), local coordinator for the ALICE/GRID group, and is presently referee for the SIDDHARTA and AMADEUS experiments.

Concerning teaching activities at the Torino University, he has been lecturer for the "Esperimentazioni di Fisica II" course (1992-1993), for the "Fisica Nucleare delle Alte Energie" course (2006-2011) and for the "Fisica Nucleare" course (2012-now). He is a member of the "Collegio dei Docenti" of the PhD in Physics. He has been tutor or co-tutor for 6 PhD thesis at the universities of Torino and Clermont-Ferrand. He has been a member of 3 juries for habilitation and PhD theses.

Finally he participated in the organization, as a member of the Scientific Committee, of two exhibitions prepared by the "Ufficio Comunicazione" of the INFN, and was an author of several outreach articles.

Complete list of positions held in experimental collaborations, CERN and INFN committees (reverse time order):

2015-now: member of the CERN Scientific Information Policy Board (SIPB) and of the HEPData advisory board.

2014-now: chairman of the ALICE Editorial Board

2014-now: member of the ALICE Management Board and Collaboration Board

2012-now: member of the ALICE Physics Board

2012-2014: coordinator of the Physics Working Group on Dileptons and Quarkonia (PWG-DQ) of the ALICE experiment.

2012-now: member of the "Collegio dei Docenti", as INFN representative, of the PhD in Physics at the Torino University

2010-now: convener of the "Quarkonium in media" group, one of the sections of the "Quarkonium Working Group"

2010-now: coordinator of 7 Paper Committees, member of 5 Internal Review Committees, for publications of the ALICE experiment.

2009-2012: member of the Editorial Board of the Muon Arm Project in the ALICE experiment.

2009-2011: convener of the Physics Working Group "Cold nuclear matter effects", ReteQuarkonii network, I3 Hadron Physics Program, EU 7th FP.

2009-2011: member of the Conference Committee (CC) of the ALICE experiment.

2009-now: contact person for the ALICE experiment in the "Quarkonium Working Group"

2008-oggi: referee for the "Commissione Scientifica Nazionale III" of the INFN for the SIDDHARTA and AMADEUS experiments.

2006-2010: coordinator of the analysis group "Event Characterization" for the ALICE experiment.

2006-2010: deputy coordinator of the Torino Tier-2 computing centre of the ALICE experiment.

2005-2010: Deputy Spokesman of the CERN NA60 experiment.

2002-2010: Physics Coordinator of the CERN NA60 experiment.

2002-2012: local coordinator (Torino) for the ALICE/GRID subgroup (INFN group III), for computing activities in the ALICE experiment.

2002-2006: editor of the Physics Performance Report (PPR) of the ALICE experiment.

2002-2009: member of the Computing Board of the ALICE experiment.

2002-2007: leader of the Zero Degree Project (ZDC) of the CERN NA60 experiment.

2002-2007: national coordinator for the IPER group (INFN group III), for the CERN NA50/NA60 experiments.

1997-2001: coordinator of CERN computing activities for the NA50 experiment.

1997-2001: Group Leader in Matter of Safety (GLIMOS) for the NA50 experiment.