



Personal information

First name(s) / Surname(s) **Pasquale Schiano**

E-mail p.schiano@cira.it

Nationality Italian

Date of birth May 11th, 1959

Gender Male

Occupational field **ICT, Avionics, Security, Climate Change**

Work experience ICT, Scientific Computing

Dates 2015-current

Occupation or position held Head of the Unit

Main activities and responsibilities Scientific coordination, Project Management (including budget, resources, etc.)

Name and address of employer **CIRA, the Italian Aerospace research Center, Via Maiorise , 81043, Capua, Italy**

Work experience Avionics & ATM

Dates 2011-2015

Occupation or position held Head of the Unit

Main activities and responsibilities Scientific coordination, Project Management (including budget, resources, etc.)

Name and address of employer **CIRA, the Italian Aerospace research Center, Via Maiorise , 81043, Capua, Italy**

Work experience Avionics & ATM

Dates 2013-current

Occupation or position held Director and Member of Technical & Scientific Committee

Main activities and responsibilities Management of the company (including budget, resourced products, etc.)

Name and address of employer **Aspen Avionics, Indiana Road, Albuquerque, New Mexico, USA**

Work experience Climate Change and impact on soil and coasts

Dates 2005-2014

Occupation or position held Head of the division

Main activities and responsibilities Scientific coordination, Project Management (including budget, resources, etc.)

Name and address of employer **CMCC, the Euromediterranean Center for Climate Change, Via Augusto Imperatore 16, 73100, Lecce, Italy**

Work experience

ICT Services and Labs for Aerospace, Security and Environmental applications

Dates 1995-2010

Occupation or position held Head of the department

Main activities and responsibilities Scientific coordination, Project Management (including budget, resources, etc.)

Name and address of employer **CIRA, the Italian Center for Aerospace Research**, Via Maiorise, 81043, Capua, Italy

Work experience

Parallel and Numerical Computing, High Performance Computing for Aerospace

Dates 1987-1995

Occupation or position held Head of the group

Main activities and responsibilities Research activities, Project management

Name and address of employer **CIRA, the Italian Center for Aerospace Research**, Via Maiorise, 81043, Capua, Italy

Work experience

High Performance Computing for Nuclear modelling

Dates 1983-1987

Occupation or position held Supercomputing System Analyst

Main activities and responsibilities Management of supercomputing facility

Name and address of employer **ENEA (Italian Nuclear Research Center)**, Via Fermi, Frascati, (RM), Italy

Education and training

Dates 1989

Title of qualification awarded Laurea

Principal subjects/occupational skills covered Mathematics and applied numerical computing

Name and type of organisation providing education and training University of Naples "Federico II"

Personal skills and competences

Mother tongue(s) **Italian**

Other language(s) **English**

Self-assessment

European level ()*

Language

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
Excellent	Excellent	Excellent	Excellent	Excellent

(*) [Common European Framework of Reference for Languages](#)

Organisational skills and competences

Expertise in the preparation and management of several R&D International projects in the frame of Aerospace, Space, Climate Change, ICT, and Security fields
Capacity to manage large R&D groups involving researchers, technicians, administrative employees

Technical skills and competences

ICT, Avionics, Numerical Modelling, Supercomputing, Regional Climate change models, Climate change impact models, CFD and aerothermodynamics.

Computer skills and competences

Major computer programming languages, Project management tools, MS Office tools

Driving licence | Italy, cat. B

Additional information

Pasquale Schiano participated as coordinator or CIRA responsible to several research projects in various national, European and international context:

- Progetto Finalizzato CNR Parallel Computing,
- Progetto Finalizzato CNR Networks High-Communications/NEANET
- UE/FP5: HPCN, PAGEIN, Europort /NSMB
- G7/SPOCK,
- UE/FP6 Aeronautics: ENHANCE
- UE/FP6 Security within GMES: LIMES
- UE/FP7 Environment: SAFELAND, Adaptalp
- UE/FP7 ICT: IS-ENES
- UE/FP7 Aeronautics: RESTART
- UE/FP7 Security: CLOSEYE
- UE/FP7 Environment: CLUVA
- Alenia Offset Program: LIBAPARK
- WORLD BANK: DDR MAURITIUS
- Campania Regional Project of Knowledge Management for Security IDES
- MISE/808 Applicativi per Elettronica di Aeromobili non Pilotati

Since 1992 he participates to the Organizing Committee of the International Conference Parallel CFD. In 1996 he was chairman of the IX ninth edition of these conferences organised in Capri.

He has been invited as Invited Speaker at various international conferences on parallel computing, security, climate change and aerospace

He has been invited several times by the UE for the assessment and review of proposals and research projects of the ESPRIT and IST program for High Performance Computing and Networking of Concurrent Engineering and Virtual Institutes.

Since 1992 he participates in the Working Group EREA (the Association of European aeronautical research centres) on Supercomputing and Networking and he was Chairman of the group from 1995 to 1996.

He participated as representative of the Research Centres in the European Aerospace Core Team for Aeronautics Task Force (IMG3/ATF) that on behalf of the UE prepared the European program of research and development ENHANCE for Concurrent Engineering in Aerospace.

He was member of the Steering Committee of the MIUR (Italian Research Ministry) for the UE / ESA GMES Global Monitoring for Environment and Security program and he organized the first and the second Forum GMES. In 2004 he was also the coordinator and lead author of the document "The Italian position on GMES"

He has been member of the strategic communication group of MIUR (Italian Research Ministry) which developed the web portal for Italian research

He is currently member of the COSMO (Consortium for Small Scale Modelling), developing and managing the non-hydrostatic models used by Metereological Office of Italy, Germany, Greece, Rumania and Switzerland

He is currently member of the European consortium CLM (Climate Limited-area Modelling community)

He is currently chairman of the EREA (the Association of European aeronautical research centres) group for Security (SRG)

He is currently member of the Strategic Committee of CMCC (Euromediterranean Center for Climate Change)

He is currently Director and member of Strategic Technical Committee of Aspen Avionics, an US avionic company based in Albuquerque, New Mexico, USA. Aspen is a one of the major player in the avionic market for General Aviation.

