

Manuel Gonzalez

Postdoc at APC - Paris



A large map of South America is the central focus, with various research locations marked. In the top right, a red diamond icon marks 'Postdoc XIFU WFEE' in France. In the bottom left, a yellow circle marks 'QUBIC (CMB)' in Chile. In the bottom center, a red diamond marks 'Born' in Uruguay. In the bottom right, a yellow circle marks 'Auger (UHECR)' in Argentina and a red diamond marks 'PhD' in Uruguay. The map also shows the Atlantic Ocean to the west and the Gulf of Guinea to the east. Several inset photos are included: a group of seven people standing on a pier in the top right; a man in a red shirt standing next to a piece of scientific equipment in the middle right; and three people in white protective suits in the bottom right.

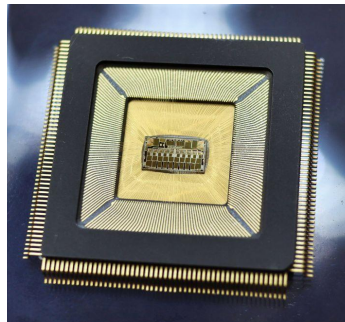
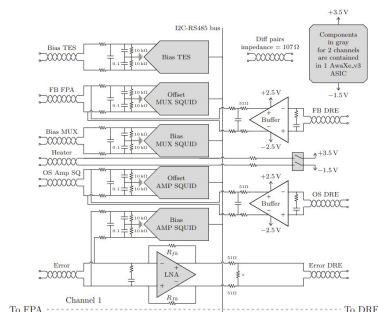
Research activity

Past activities:

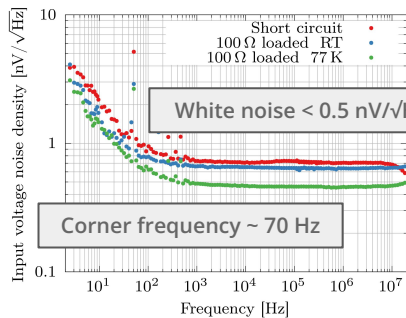
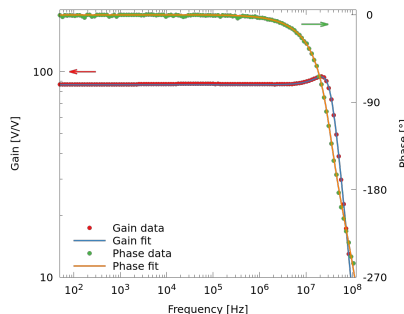
- **Auger** surface detectors upgrade (Master)
- **III-V semiconductor** growth and characterization (PhD)
- Instrumentation for **QUBIC** CMB polarization (PhD)

Current activities:

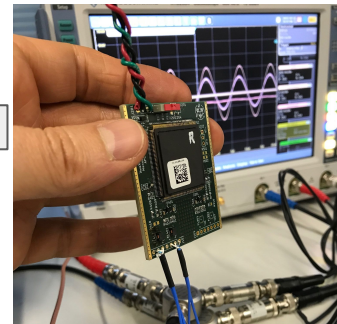
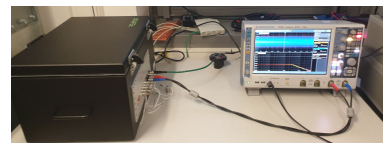
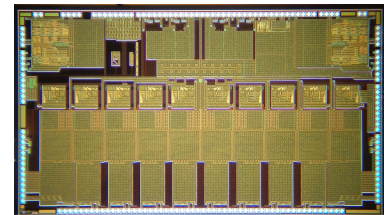
Postdoc at APC working on the design and test of XIFU's warm front-end electronics (WFEE). He has developed a semi-automatic testbench for characterization of the WFEE.



ASIC design and testing



LNA characterization \Rightarrow XIFU performances



When he's not at the lab...



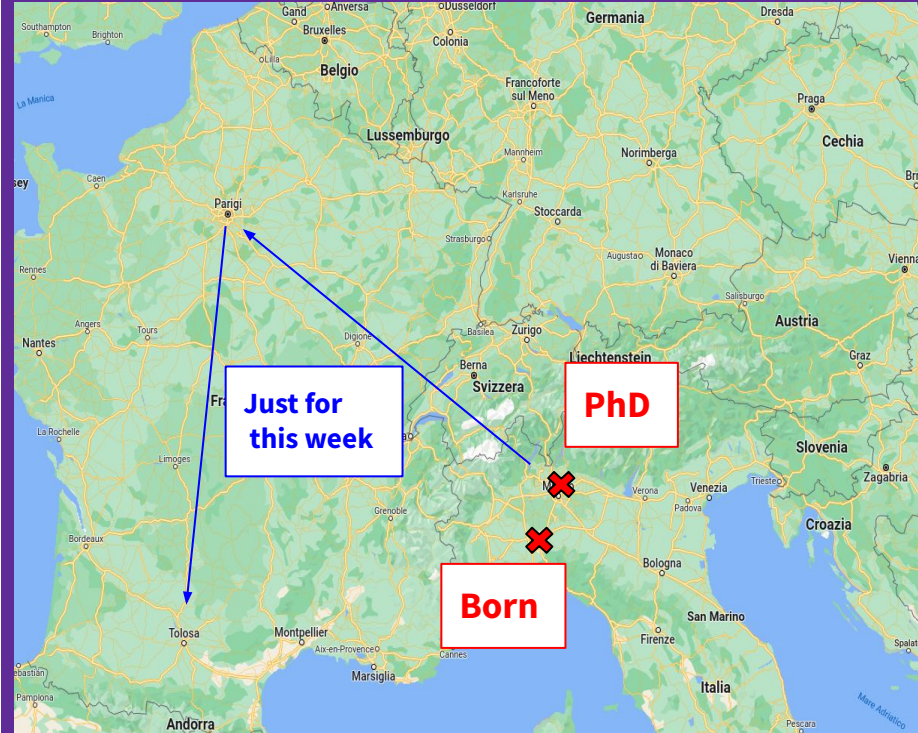
Loves boardgames



Amateur bread baker and very amateur chess player

Giacomo Riva

PhD student at INAF – IASF Milan, Italy



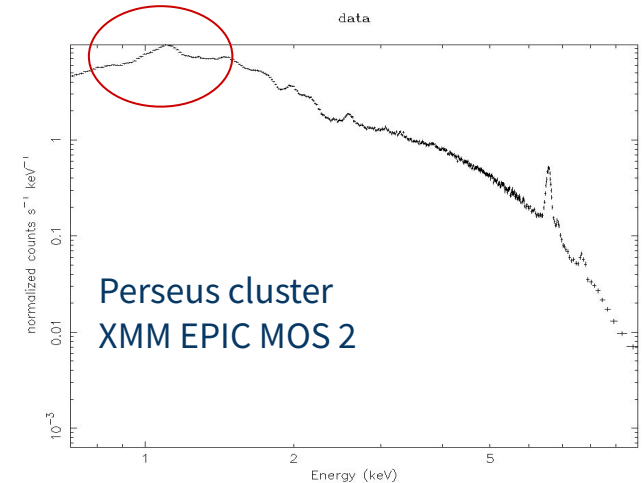
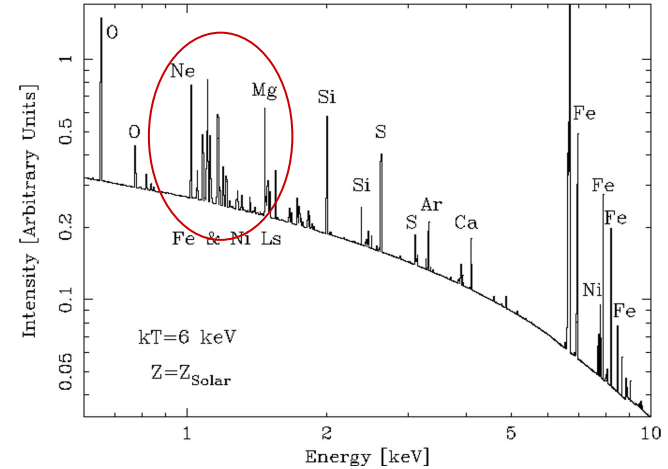
Research activity

Science objective: metal abundance measurements in galaxy clusters under the supervision of S. Molendi (although his career started with **ULXs and timing analysis**).

Methodology: he has been investigating (potential) **systematics related to the Fe L-shell**, when fitting spectra.

Athena X-IFU will provide totally new insights about the structure of the Fe L-line complex!

Synthetic spectrum



Now let's focus on more important things...



Long time volunteering in an astronomical observatory (where he lives)



He is a massive supporter of F.C. Inter Milan

He plays paddle (after a looong career in football)



He is a dog person