The New European Master of Science in GNSS
• The EC-funded project 'Education, Research and Innovation in GNSS' highlighted that "there is a lack of graduate education in GNSS fundamental techniques" → the creation of a joint Master course was strongly recommended

• As an answer to this, EC/GSA decided to support the creation of a new collaborative 2-year Master of Science (MSc), taught in English that involves prominent European universities in the GNSS field based in recognized GNSS centres of excellence
• Centered on GNSS with advanced lectures in telecom
• 2-year program taught in English:
  ▪ 3 semesters composed of lectures and 200+ hours of supervised applied projects
    • Fundamental theory: maths, electromagnetics, signal processing, digital communications, …
    • System: antenna, payload, signal, propagation, network, receiver, integrity, hybridization, …
    • Applications: civil aviation, precise positioning, pedestrian, vehicular, LBS, etc…
    • Management: management, team work, IP, business…
  ▪ 4th semester is an in-company or lab internship to prepare students for employment
• Hosted in **Toulouse (France)** by **ENAC** (Ecole Nationale de l'Aviation Civile – the French Civil Aviation University)

• Degree jointly awarded by **ENAC** and **ISAE** (Institut Supérieur de l'Aéronautique et de l'Espace – Aeronautics and Space Higher Education Institute)

• **Toulouse is the European capital of aeronautics and space industries.**
  - It is the base of leading companies and institutions (e.g. Thalès Alenia Space, EADS Astrium, the French Space Agency, Airbus, and many SMEs related to the world of GNSS and telecommunications).
• Created with the support of the EC/GSA

• Tight partnership with University FAF Munich (Germany) and Politecnico di Torino (Italy), both world-recognized GNSS research laboratories, through:
  ▪ Teaching,
  ▪ Internship offer,
  ▪ Networking: Munich and Torino being European GNSS centres of excellence,
  ▪ Expertise,
  ▪ Steering committee
• The new MSc in GNSS opens in Sept 2012!
• Application open to any student with a completed bachelor in Electrical Engineering, Aerospace Engineering, Mathematics, Physics or equivalent

• Leaflets available at ICG in the EC booth
• Curriculum and more information available online at http://www.enac.fr/en/menu/training/bachelor-degrees/master-gnss

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