During the 54 months of the Action’s lifetime, 15 Training Schools were organised. Overall, our schools were attended by > 430 Trainees. In almost all cases, Trainees could participate without paying a registration fee; many of them received a Grant, which totally or partially covered their travel and accommodation expenses.

We developed an educational package (slides and complementary material such as exercises, data, software, etc.) conceived for teaching GPR in University courses. All material is being made available in open access on the website of the Action. We observed that the level of knowledge and experience on GPR is not the same in all Countries and hope that this initiative will help professors in less research-intensive Countries to initiate new courses on GPR in their universities.

**Module 1: Introduction to GPR**

**Module 2: GPR applications in civil engineering**

**Module 3: GPR applications in other areas, including cultural heritage, environment, agriculture, and humanitarian operations**

**Module 4: GPR data processing and interpretation**

**Module 5: Safety**

---

Sapienza University of Rome, University College of London, TU1208 GPR Association and Associazione Italiana del Georadar are organising the Training School “Ground Penetrating Radar for civil engineering and cultural heritage management” - to be held in the Engineering campus of Sapienza University of Rome (San Pietro in Vincoli), Italy, on May 14–18, 2018.

During practical sessions, we will use TU1208 innovative GPR prototypes developed at University College of London, Italian National Research Council, Sapienza University and University of Split. Moreover, we will use cutting-edge pulsed GPR systems manufactured by Geophysical Survey Systems, Inc – GSSI.

---

**Class Scheduling**

**Monday 14 May**

1. L. Pajewski, F. Manzini: Introduction to the school and to Sapienza “Conferences, Seminars and Workshop” programme. Introduction to ‘Work Regional Engagement’ programme.
2. L. Pajewski: GPR: basic principles, capabilities and limits. GPR applications. Choice of GPR equipment for different applications.
3. L. Pajewski: Review of the GPR prototype for civil-engineering and archaeological prospecting, developed at the University of Split.
4. L. Lok: FMCW principles. FMCW GPR prototypes developed at the University of London (UCL), in United Kingdom. Examples of application and case studies.
5. N. Šižić: Building a GPR prototype with undergraduate students – the experience of the University of Split.

**Tuesday 15 May**

2. O. Ganso: Combined use of GPR and deformation measurement devices, on roads.
4. TBC: Topographical map of the City of Rome.
5. O. Ganso: Pavement management.

**Wednesday 16 May**

2. A. Riska: GPR system performance: how to test the performance of GPR equipment.
3. A. Riska: Introducing to Trainees the GSSI GPR equipment that will be used during the practical sessions. Presentation of further GSSI GPR equipment and software tools. Examples and case studies.
5. A. Riska: Experimental activities in a simulated building and in a church.

**Thursday 17 May**

**Friday 18 May**

2. L. Pajewski: European test sites for GPR. Open database of radargrams. Free software for GPR.

---

**Register to the school! More info: www.gpradar.eu**