PROGRAMME

	6 September	7 September	8 September	9 September
09:15 – 09:30	Opening Session			
First Session	6.9-I 6.9-II	7.9-I 7.9-II	8.9-I 8.9-II	9.9-I 9.9-II
10:45 – 11:15	Break	Break	Break	Break
Second Session	6.9-III 6.9-IV	7.9-III 7.9-IV	8.9-III 8.9-IV 8.9-V	9.9-III
13:00 – 14:30	Lunch	Lunch	Lunch	Lunch
14:30 – 17:30	Lab Sessions	Lab Sessions	Lab Sessions	Closing Session

Lectures Topics:

6 September

6.9- I: How science really works (D. Belo, duration 40´)

6.9-II: About Radiation (A. Falcão, duration 40´)

6.9-III: Confidence in radioactive waste solutions (I. Paiva, duration 60´)

6.9-IV: Polymer functionalization by irradiation techniques (M.H. Casimiro, duration 30´)

7 September

7.9- I: Molecular multifunctional materials constructed by molecular Lego (S. Rabaça, duration 40')

7.9-II: Magnetic properties of materials: fundamentals and characterization methods (A. Cerdeira, duration 40')

7.9-III: Radioactivity in the environment: natural and anthropogenic sources (M. Reis, duration 60')

7.9-IV: My dagger is better than yours! The chronology and composition of prehistoric metals and alloys in southern Portugal (P. Valério, duration 30')

8 September

8.9- I: Methods of materials synthesis at high temperature (A. Gonçalves, duration 40')

8.9-II: Metrology of ionising radiations (A. Fernandes, duration 30')

8.9-III: SIMPLE dark matter searches (M. Felizardo, duration 30')

8.9-IV: Once upon a time... A quartz grain life (A.L. Rodrigues, duration 30')

8.9-V: Lead it be! Lead isotopes and provenance studies in Cultural Heritage (S.S. Gomes, duration 30')

9 September

9.9- I: Soil background composition. What is the purpose? (R. Marques, duration 30')

9.9-II: Ionizing radiation technologies for a sustainable environment (J. Madureira, duration 30')

9.9-III: Radiopharmaceuticals and Nuclear Medicine (L. Gano, duration 120')

Laboratory Sessions: *(duration – 1.5h each session)*

Session 1: Gamma Spectrometry laboratories (M. Reis & M. Santos) *(2 person per goup)*

Session 2: Non-destructive Techniques for Materials Characterization (V. Corregidor & L.C. Alves & L.M. Ferreira) *(2 person per goup)*

Session 3: SIMPLE and Gamma Spectrometry Laboratories (R. Marques & M. Felizardo) *(2 person per goup)*

Session 4: Insight the Solid State Group (A. Cerdeira & A. Gonçalves & S. Rabaça) *(2 person per goup)*