Program for the COST MP1206 Training School on board of the Polymar conference
Nov. 3rd – Nov 7th
Starting and arriving in Barcelona, Cruise Terminal

We will have a mix of active and passive training elements. Each trainee should also present its scientific work in a short presentation to the auditorium in the training class for starting a discussion, exchanging ideas, getting to know each other better and increasing in general the networking activity among all participants.

Since we have in parallel a conference running (i.e. the Polymar) the trainees and the trainers should also have the opportunity to attend at least some of the lectures.

Therefore the training classes will be half-day sessions (either in the morning or in the afternoon), depending on the scientific program. This will make 4 training sessions for approx. 4h (including an active part where the trainees are presenting themselves and their work of about).

Sunday November 3rd

- Embarking between 15h30- 18h00
- 18h-19h Registration, getting to know each other

Monday, November 4th

- 09h00 12h00, Attending the opening of Polymar conference and Polymar scientific lectures
- 12h00-14h00, Lunch, networking
- 14h00-14h10, Welcome to the COST MP1206 training school, introductory remarks, E. Kny, Chair COST Action MP1206
- 14h10- 14h20, Goals of the training school, short presentation of each
trainee and the trainers, E. Kny

- 14h20- 14h40, Introduction into COST (what can COST do for you?) E. Kny

- 14h40- 15h00, Organization of the training school and the Polymar Conference, Dr. Jose Maria Lagaron, Novel Materials and Nanotechnology Group Spanish Council for Scientific Research (CSIC), IATA, Valencia, SPAIN

- 15h00-15h30, Break for networking

- 15h30- 16h30, “Introductory lecture in electrospinning”, Prof. Tamer Uyar, UNAM-Institute of Materials Science & Nanotechnology, Bilkent University, Ankara, TURKEY

- 16h30- 17h30 “Electrospinning and co-electrospinning of Biomimetic nano/microfibrous structures”
- Dr Fenglei Zhou, Centre for Imaging Sciences, Institute of Population Health, The University of Manchester, UK

**Tuesday November 5th (could be shifted to afternoon*)**

- 09h00- 10h00 i.) “Effects of electrospinning process parameters on the resulting nanofiber structure and morphology” ii.) “How to obtain conductive nanofibres?” Prof. Hale Karakas, Istanbul Technical University, Textile Technologies and Design Faculty, Textile Engineering Department, Istanbul, TURKEY

- 10h00- 11h00 “Characterization of electrospun materials and applications of these innovative fibrous materials”,
- Dr. Nabyl Khenoussi, École Nationale Supérieure d'Ingénieur Sud-Alsace, Laboratoire de Physique et Mécanique Textiles, Mulhouse, France

- 11h00-11h30, Break for networking

- 11h30- 13h00, Interactive session supervised by Hale Karakas and Erich Kny, 9 trainees presenting 5- 10 min each, plus discussion
- 13h00 –14h00 Lunch
- 14h00-17h00 Attending the Polymar Scientific Conference Lectures

**Wednesday November 6th** (could be shifted to afternoon*)

- 09h00- 10h00 *“Materials for electrospinning- broadening the scope of electrospun materials”, Dr. Paul D. Topham, Reader in Polymer Chemistry, Aston University, UK.*
- 10h00- 11h00 *“Electrospinning of non-polymeric systems“*
  - Prof. Tamer Uyar, UNAM-Institute of Materials Science & Nanotechnology, Bilkent University, TURKEY
- 11h00-11h30, Break for networking
- 11h30- 13h00, Interactive session supervised by Paul Topham and Erich Kny, 9 trainees presenting 5- 10 min each plus discussion
- 13h00 –14h00 Lunch
- 14h00-17h00 Attending the Polymar Scientific Conference Lectures

**Thursday November 7th**

- 09h00- 10h30 *“Electrospinning technology for sensors: a novel generation of nanostructured sensing materials”, Dr. Antonella Macagnano, Institute for Microelectronics and Microsystems - National Research Scientist (CNR) Rome, ITALY*
- 10h30-11h00, Break for networking
- 11h00- 12h30, Interactive session supervised by Antonella Macagnano and Erich Kny, 9 trainees presenting 5- 10 min each plus discussion
- 12h30-13h00 Interactive session supervised by all trainers; Discussion,
Feedback, Farewell

- 13h00 –14h00 Lunch
- 14h00 Embarking

- If morning or afternoon sessions are taking place will depend on the scientific program of the Polymar and the interest of participants to attend specific lectures. This will be discussed, determined and fixed on Monday Nov 3rd,
- 14h40-15h00