


European Medicines Shortages Research Network COST Action "Medicines Shortages" (CA15105)

Training School on "Pharmaceutical Supply Chains I"
Centro de Congressos, IST, Lisboa, Portugal
Wednesday, 26-April-2017


09:00 – 10:00 Registration and initial information. **Welcoming-breakfast.**


10:00 - 11:15 **OPENING. PANEL: Introductory Notes on Medicines Shortages and on SC Design and Planning.**

 [Helena Jenzer](#) (BFH, Bern, CH): The European Medicines Shortages Research Network.

 [Ana Paula Barbosa-Póvoa](#) (Centro de Estudos de Gestão, IST, Lisboa, PT): On the design and planning of Pharmaceutical Supply Chains.

11:15 - 12:30 **PANEL: Enhanced Concepts and Decision Making for Pharmaceutical SC.**


 [Elfi De Weerd](#) (KUL, Leuven, BE): Qualitative methodologies in the research towards drug shortages

 [Giuseppe Bruno](#) (UNINA, Naples, IT): Multi Criteria Decision Making-MCDM for Pharmaceutical SC (intro.).


12:30 - 14:00 Lunch

14:00 - 15:15 **PANEL: Flows in Pharmaceutical Processes and Supply Chains**

 [Vincent Hargaden](#) (IE): Risk and Resilience on SC (prov.)

 [Henrique Matos](#) (IST, Lisboa, PT): Processes Design, supercritical extraction, co-crystallization. (prov.)

15:15 - 16:30 **PANEL: Improved Inflows to Curb Medicines Shortages.**

 Maurizio Battistini ([EIPG](#), CH): Shortages of Medicines originating from manufacturing

 [Andrea Genovese](#) (Univ. of Sheffield, UK): The Suppliers Selection Problem (intro.).

16:30-17H00 Coffee break. Wrap up.

17:00 – **CLOSING.**

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Thursday, 27-April-2017, 09H-17H
Room: LTI, South Tower (Chemical Eng.), 5th floor

[Giuseppe Bruno](#) (UNINA, Naples, IT): MCDM for Pharmaceutical SC

Lunch-break (tbd)

[Andrea Genovese](#) (US, Sheffield, UK): The Suppliers Selection Problem

Friday, 28-April-2017, 09H-17H
Room: LTI, South Tower (Chemical Eng.), 5th floor

[Ana Amaro](#) (ISCAC, Coimbra, PT): Design, planning, and scheduling;
Uncertainty and risk (prov.)

Lunch-break (tbd)

[Miguel Casquilho](#) (IST, Lisboa, PT), [João Miranda](#) (IPP, Portalegre, PT): DSS
and computational issues (prov.)

[Jorge Soares](#), [Roy Cecil](#) (IBM): Watson, Cognitive Computing, AI, Machine
Learning (prov.)

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