Remarque
Next time: January 13 to 28, 2020

Summary
The course "Product Lifecycle Management - concepts methods and tools" studies the concept and application of product lifecycle management over the whole product lifecycle.

Content
The main topics composing this course are the following:
1. Introduction to PLM and related Emerging Technologies
2. Beginning of Lifecycle (BOL) management
3. Middle of Lifecycle (MOL) management
4. End of Lifecycle (EOL) management
5. Information modeling approaches, techniques and tools
   - Students work in groups on projects using modeling tools on specific industrial case studies
6. Introduction to Petri net modeling and tools including Workflow nets, Coloured Time Petri Nets and Process Planning Petri Nets
   - Students work in groups on projects using appropriate Petri net tools on specific industrial case studies
7. Best practice of Product Embedded Information Devices (PEID) on a Closed Loop Lifecycle Management industrial case study

Keywords
PLM, product modeling, information modeling, Petri nets, decision making