



Report on Trainings for the WBC partners held in Italy

Acronym: WBC-VMnet

Project title: WBC Virtual Manufacturing Network – Fostering an Integration of the Knowledge Triangle,

Project number: 144684-TEMPUS-2008-RS-JPHES

Date: September 2010,

Location: Padua, Italy



In accordance with the approved training plan by all partners in the project, in the period from 13th until 17th September 2010 specialized trainings realized at Padua, Italy. Trainings were attended by WBC Partners, which are CTC staff from Serbia, Bosnia and Herzegovina, Croatia and Montenegro. Organizer of trainings was Department of Mechanical and Innovation Management (DIMEG), University of Padua as partner involved in Project Consortium. Trainings schedule and topics are listed in table below:

13th September, University of Padua, DIMEG

Trainers	Title of training: Metrology	Trainees
Prof. dr Enrico Savio	"Geometrical and industrial metrology" "Coordinate metrology"	1. Dr Vesna Mandic, 2. Dr Dragan Adamovic, 3. Dr Zoran Jurkovic, 4. Dr Zivko Babic, 5. Dr Nikola Sibalic, 6. Vladan Lukovic, 7. Marko Pantic, 8. Sasa Randjelovic.
Trainers	Title of training: Visit to Geometrical and industrial metrology lab	
Manuel Balcon	"Calibration of touch probe" "Calibration of CMM using stepcage" "WERTH VC IP 400 demonstration"	

14th September, University of Padua, DIMEG

Trainers	Title of training: Reverse engineering and Rapid prototyping	Trainees
Prof. dr Simone Carmignato	"Reverse engineering" "Optical measurement methods" "Computer tomography metrology"	1. Dr Vesna Mandic, 2. Dr Dragan Adamovic, 3. Dr Zoran Jurkovic, 4. Dr Mladen Perinic 5. Dr Dusko Pavletic 6. Dr Zivko Babic, 7. Dr Nikola Sibalic, 8. Vladan Lukovic, 9. Marko Pantic, 10. Sasa Randjelovic
Prof. dr Francesco Marinello	"Geometrical characterisation of microcomponents"	
Trainers	Title of training: Visit to Net-Shape forming laboratory	
Prof. dr Francesco Marinello	"Demonstration of Rapid prototyping equipment"	

15th September, University of Padua, DIMEG

Trainers	Title of training: Concurrent engineering	Trainees
Prof. dr Giovanni Lucchetta	"Concurrent engineering" "Design for assembly" "Design for assembly software presentation" "Design for injection molding" "Design for manufacture software presentation" "Design for X"	1. Dr Vesna Mandic, 2. Dr Dragan Adamovic, 3. Dr Zoran Jurkovic, 4. Dr Mladen Perinic 5. Dr Dusko Pavletic 6. Dr Zivko Babic, 7. Dr Nikola Sibalic, 8. Vladan Lukovic, 9. Marko Pantic, 10. Sasa Randjelovic

16th September, University of Padua, DIMEG

Trainers	Title of training: Sheet metal forming tribology	Trainees
Daniele Pelegrini	"Sheet metal forming tribology"	1. Dr Vesna Mandic, 2. Dr Milentije Stefanovic, 3. Dr Zoran Jurkovic, 4. Dr Zivko Babic, 5. Dr Nikola Sibalic, 6. Vladan Lukovic, 7. Marko Pantic, 8. Sasa Randjelovic.
Paolo Regazzo	"Sheet metal forming devices"	
Trainers	Title of training: Visit to Net-Shape forming laboratory	
Dario Scarabello, Francesko Sgarabotto, Daniele Pellegrini	"Compression test - demonstration" "Torsion test - demonstration" "Strip test - demonstration" "Nakazima test - demonstration"	

17th September, University of Padua, DIMEG

Trainers	Title of training: Micro and precision manufacturing	Trainees
Gianluca Tristo	"Micro electrical discharge machining"	1. Dr Vesna Mandic, 2. Dr Milentije Stefanovic, 3. Dr Zoran Jurkovic, 4. Dr Zivko Babic, 5. Dr Nikola Sibalic, 6. Vladan Lukovic, 7. Marko Pantic, 8. Sasa Randjelovic.
Trainers	Title of training: Injection molding	
Prof. dr Giovanni Lucchetta	"Micro injection molding"	

WBC Partners are informed about DIMEG activities and had opportunity to improve their knowledge in different areas. Apart from presentations and visits to laboratories, trainees had opportunity to follow practical demonstrations of using specialized equipment, such as:

1. Werth VC IP400
2. Zeiss Prismo VAST
3. 3SHAPE
4. Atomic force microscope
5. VFLASH 3D System
6. Wilson Rockwell Series 2000



