



Lifelong Learning Programme

PROTOCOL 2nd MEETING / GAZIANTEP (TR)

“European CNC-Network – Moulding for EUROPE”



Date	17.04.2009
Written by	Franz Schwienbacher

Friday, 2009.02.27

The participants from Spain, Germany and Austria meet up at the Istanbul airport and take the flight to Gaziantep together, where they receive a warm welcome by Mr. Mehmet Sincar, the meeting's organiser, and share a taxi to the Tilmen hotel. The evening is spent at their leisure.

Saturday, 2009.02.28

09⁰⁰ to 12⁰⁰ meeting at “M.Rustu Uzel Industrial Vocational High School”

Greeting of the 6 participating schools from

- Germany
- Austria (Fulpmes)
- Austria (St. Pölten)
- Portugal
- Spain
- Turkey

held by Mr. Mehmet Sincar and announcement of the first day's schedule
The Vocational High School's principal welcomes all participants.
Individual introduction of all team members

Heinz Wildgrube calls on the respective teams to present their propositions for the mutual work piece, a keyring pendant. The suggestions have been prepared at home and the finalised model will be worked on together:

Turkey: A puzzle is introduced

Spain: A cube
 A mini Atomium consisting of 6 spheres
 A locomotive

Austria – St. Pölten: Alphabetic characters in a circle around the EU emblem
 EU key
 EU puzzle

Austria – Fulpmes: Puzzle with EU star in its centre

Portugal: Several suggestions for a puzzle

Germany: Three-part wooden model
 Snake cube connected by rubber band
 A box with additional 3D puzzles is shown



Election procedure for the final model:

11 projects are subsequently displayed and a discussion leads to the following

modus operandi:

The first voting round provides each team with 5 election slips and the top 6 projects of 11 are short-listed. Voting for your own suggestions is prohibited.

Results of the first round:

1. Spain (cube)
2. Austria – Fulpmes
3. Austria – St. Pölten second proposition
4. Austria – St. Pölten first proposition
5. Portugal first proposition
6. Germany second proposition

Afterwards lunch at the SAHAN restaurant from 12⁰⁰ to 14³⁰

14³⁰ second voting round: the best three suggestions are elected. Each group receives three election slips, only one vote per project can be cast and again voting for your own projects is prohibited.

Since Portugal and Austria – St. Pölten (second suggestion) both receive 3 points, a runoff poll becomes necessary: Each team receives 1 point (Portugal and Austria – St. Pölten may not vote). Again the score is even (2:2). Thus the winner is decided by tossing a coin. The lot fell on Austria – St. Pölten.



16⁰⁰ to 17³⁰. After detailed discussion of the proposed projects from Spain, Austria – Fulpmes and Austria – St. Pölten with special regards to technical aspects, the final poll is held at 17³⁰. Every conference participant was allowed to cast one vote. The results are as follows:

12 votes for Spain, 6 votes for Austria – Fulpmes and 1 vote for Austria – St. Pölten. Thus Austria – St. Pölten's suggestion is dropped. The time from 17³⁰ to 19⁰⁰ may be spent at leisure.

At 19⁰⁰ dinner at the Imam Cagdas restaurant.

10⁰⁰ to 12⁰⁰ meeting at "M.Rustu Uzel Industrial Vocational High School"

Sunday, 2009.03.01



The teams from Spain and Austria – Fulpmes have reworked their projects from the day before and present them again. Every team has the chance to voice their opinion on the two remaining projects. The suggestion to let the today attendant pupils choose the winning project isn't accepted by the majority. Eventually, the victor is determined by a deciding show of hands of all participants at 11³⁰.

The final results are as follows:

Of 25 attendant conference participants, 12 vote for Spain, 10 for Austria – Fulpmes and 3 abstain from voting.

The entire election procedure encompassing the past two days is supervised by Heinz Wildgrube.

12⁰⁰ to 14⁰⁰ Lunch
 14⁰⁰ to 16³⁰ A visit to the Zeugma Antic museum
 16³⁰ to 18⁰⁰ Leisure time
 18⁰⁰ to 20⁰⁰ Dinner at the Gaziantep Chamber of Commerce restaurant



Monday, 2009.03.02

09⁰⁰ to 10⁰⁰ meeting at "M.Rustu Uzel Industrial Vocational High School"

The next meetings are arranged:

05 June to 09 June 2009 in Austria/ St.Pölten

05 November to 09 November in Germany/ Bad Kreuznach

21 January to 25 January 2010 in Portugal/ Porto

05 May to 10 May 2010 in Austria/ Fulpmes final meeting

Some impressions from school:



10⁰⁰ to 13⁰⁰ A visit to the associated partner SANKO MACHINE. The tour, in which the production halls for tractors and fork lift trucks are presented, is guided by the plant's director. It is followed by an invitation to have lunch in the factory canteen.



13⁵⁰ Uhr meeting at "M.Rustu Uzel Industrial Vocational High School"

The technical details (selecting the principal form, positioning of the mould cavities) are discussed.

Task 1: Every school should use their contacts to the HASCO company to ask for support as effectively as possible.

Task 2: Every school should produce a mould insert; constructive suggestions are to be directed to the school in Austria – Fulpmes up until the 05 of June 2009 since the principal form there will be used for the production. Admissible file formats are *.PDF, *.DXF and *.IGES.

Task 3: Suggestions for mounting the 6 faces of the cube are to be prepared.

The decision for the dimension of the cube as follows.
 30mmx30mm, 2 to a maximum of 2,5mm in thickness.

The decision concerning attachment of the cube via chain and ring is yet to be made. Given that five states are involved in the project, each state has to design one face of the cube. The sixth face may carry the EU star and its centre could be used to attach the chain and key. A different idea proposes attachment via one of the cube's vertexes.

The outer surface of each of the cube's surfaces shall be used to present the country code and the EU symbol. The inner surface could feature the logo of each school. One of the Austrian schools will be responsible for the EU face. The country codes should be raised (max 0,3mm) and not sunken.

Further tasks to be assigned, the focus remains on moulding technology:

1. Internet platform for LEONARDO on www.cnc-network.eu
the homepage is coordinated by Heinz Wildgrube
2. Technical Glossary
Spain provides the environment; Jaume does not only need terms but also pictures for each term and a corresponding explanation in English (max. 250 characters per term); translations into the countries' native languages will be handled by the respective schools. MOODLE will be used for communication; each country will announce a person responsible for the translation; Jaume is administrator.
3. Comparing the educational training process
Turkey will provide the environment
4. Comparing the final exams
Not every school has final exams featuring the topic of moulding; tests on this topic are collected as well; should there be no tests on moulding, tests on mechanical manufacturing are to be collected. This task will be handled by Portugal.

Heinz Wildgrube will create a mailing list and therefore needs the e-mail addresses of all involved persons. His address: wildgrube@web.de

16⁵⁰ The principal of the "M.Rustu Uzel Industrial Vocational High School" says goodbye to all participants and wishes them a safe journey.

17⁰⁰ End of meeting.

18⁰⁰ Dinner at the Imam Ada restaurant

19³⁰ Goodbye ceremony in a traditional Turkish bath (Hamam)



Tuesday, 2009.03.02

08⁰⁰ Mehmet Sincar accompanies the guests from Europe to the airport in Gaziantep and everybody is thankful for the cordial hospitality shown by the Turkish twin school, special words of gratitude are expressed for Mehmet Sincar's commitment.



Participants:

Teacher (T)

Students (S)

AT-Fulpmes: Harald FALSCHLUNGER (T)
Kurt GREMINGER (T)
Franz SCHWIENBACHER (T)
Klaus KOBALD (S)
Patrick FISCHER (S)

AT-St.Pölten: Günter AMSTÄTTER (T)
Bernd GUTMANN (T)
Martin PFANNHAUSER (S)
Mathias WIELAND (S)

DE-Kreuznach: Heinz WILDGRUBE (T)
Frank ZIELKE (T)

ES-Barcelona: Josep CARTANYA (T)
Jaume COLL (T)

PT-Porto: Branco RODRIGUES (T)

TR-Gaziantep : Mehmat SINCAR (T)
Ibrahim ISIK (T)
Yusuf KOCAKGOL (T)
Erkan BOSTAN (T)
Yavuz ERBUDAK (T)
Elif ALTINTAS (T)
Turkan CIL (T)
Onur YAMAN (S)
Ahmet GULEC (S)
Emine AYIK (S-girl)
Elvan KARAOGLAN (S-girl)
Gamze YALCIN (S-girl)
Cagatay SARIBAL (S)
Mehmet GOCUK (S)

