

## Report for the working group meeting in San Sebastian, Spain Simulation Accuracy for Plastics and Rubber Production

The working group's kick-off meeting and seminarium was kept on Tuesday 8<sup>th</sup> of July in San Sebastian, Spain

The meeting was open for the industry and took place in Facultad de Químicas de San Sebastián (Sala de Juntas) from 9:30 to 13:30h. There were totally 16 participants from 10 Companies and Universities.

The program included following themes:

- Presentation of the situation today and the technically leading plastics and rubber simulation software CadMould. Attached the ppt- presentation. Presented by Dr. Paul Filz from Simcon GmbH.

- Presentation of the company Simcon
  - Presentation of the financial aspects of the use of simulation.
  - Presentation of the use and the results of CadMould software

- Experiences of the simulation accuracy and discussion about the approximations of today. Presented by Petteri Poranen from Nokia Oyj.

- Presentation of Nokia's experiences about simulation accuracy
  - Presentation of known limitations in simulation results of today

- Plans to add the accuracy in simulation. Attached the ppt- and word-presentations. Presented by Timo Ture from Elastopoli Oy.

- Presentation of the plans to develop the accuracy of simulation softwares
  - Presentation of short term developments in CadMould
  - Presentation of areas, where long term research work is needed

- The possibilities of the industry to participate at the development work. There were discussion with industrial and educational participants about their ideas and needs for the development. As well we discussed their willingness to participate at this development work.

- List of Participants:

- Alfredo Sanz, ARTECA S.A.
  - Asier Altube, CIE-ORBELAN
  - Beatriz Fernández, ESCUELA UNIVERSITARIA DE INGENIERÍA
  - Maria Jesús Jurado, INASMET
  - Miguel Benito, INDUSTRIAS TAJO
  - Alex Arrillaga, LEA ARTIBAI
  - Arkaitz Garagarza, MATZ ERREKA
  - Mikael Amenabarro, OLAKER COP. ELK



- Asensio M. Asua, SIMTEC 2000
- Javier Mentrida, UROLA S. COOP.
- Antxon Santamaria, UPV
- Maria Eugenia Muñoz, UPV
- Maria Eugenia Saborido, POLYMAT
- Paul Filz, SIMCON GMBH
- Petteri Poranen, NOKIA OYJ
- Timo Ture, ELASTOPOLI OY

The plans for following meeting:

The time and place of the next meeting depends on the possible acceptance of the prepared proposal for the 6th Framework Program of European Commission. If our group gets positive answer, the next meeting is needed to prepare better the applied development project. In the case of negative answer for the proposal, the next meeting needs to find out other programs, where we could apply the financemnt for the planned development work. We wait to have the answer from EC early October 2003, so the next meeting could be in the beginning of November.