

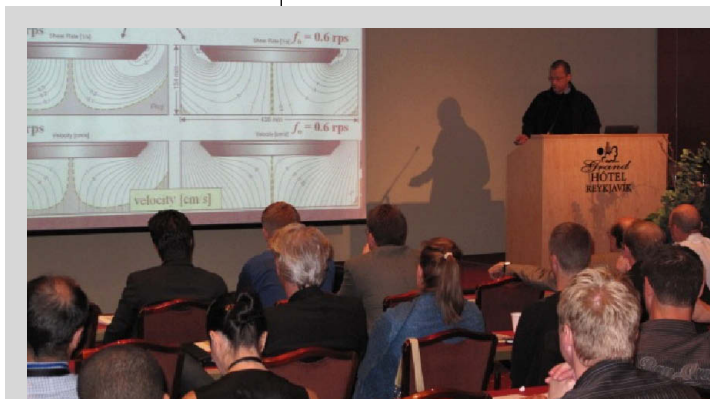
AUGUST 19 – 21, 2009
REYKJAVIK, ICELAND

The 18th Nordic Rheology Society Conference of 2009 was held from 18th to 21st August in Reykjavik, Iceland. The conference venue was the Grand Hotel Reykjavik and it was mainly organized by staff of ICI Rheocenter from Reykjavik University, Innovation Center Iceland. The theme of the conference was emulsions and suspensions. This year the Nordic Rheology Conference was combined with the Rilem Symposium on Rheology of Cement Suspensions to a “one week of rheology event in Iceland”. The combined event was dedicated to the memory of Prof. G.H. Tattersall, who broke new ground in the science of rheology of fresh concrete. By combining the two conferences, participants of the Nordic Rheology Conference had the unique opportunity to attend Rilem lectures and vice versa. Both conferences attracted more than 140 delegates (around 50 of them were NRS delegates), 33 presentations were given by NRC participants including three internationally recognized guest speakers.

The “week of rheology” started with the ICI rheology course on the 17th of August. This two day rheology course offered by ICI Rheocenter was a great success as it was attended by more

than 50 participants. The course was a well balanced mixture of lectures and practical laboratory work. Attendees did rheological measurements on paste, mortar and concrete by use of various rheometers and viscometers. The NRS rheology course was held prior to the conference on August 18th. It was a rather intense half day course attracting also many Rilem members. Mats Stading, SIK, first lectured about visco-elasticity and was ending his interesting talk with an impressive video about shear thickening starch. Peter Fischer, ETH Zurich, gave an exciting lecture on rheology of food dispersions. The NRC course ended with an intense talk given by Jón E. Wallevik, ICI Rheocenter, about the Herschel-Bulkley Model.

The conference started in the morning on the 19th of August with a speech from the conference host Olafur H. Wallevik, ICI Rheocenter, and Katrín Júlíusdóttir, Icelandic Minister of Industry. Phil F.G. Banfill, Heriot-Watt University, the first invited keynote speaker on behalf of Rilem gave an interesting presentation about the main features of particulate suspensions. He was followed by Peter Fischer, ETH Zurich, first invited speaker on behalf of the NRS, who gave a com-



prehensive overview about the rheology of milk and milk products. After a short coffee break, the delegates could choose between parallel Rilem and NRC sessions. Three NRC sessions with 14 presentations filled the rest of the day. The topics of the sessions were ranging from measurement technique and rheology to suspension rheology. During the coffee breaks, attendees could visit a very interesting poster exhibition situated close by the two lecture halls.

An exhibition area was conveniently located in front of the lecture halls. Exhibiting partners were ConTec, Dipl. Ing. Houm AS, ICI Rheocenter, Mannvit, Oleinitec AB, Schleibinger Geräte Teubert u. Greim GmbH and Thermo Scientific. Traditionally, conference delegates used the exhibition as a chance to inform themselves about the latest advances in instrumentation while enjoying a delicious cup of the strong Icelandic coffee. In the evening of the first conference day, the delegates were invited for a welcome reception in the Reykjavik City Hall. The delegates were welcome by the conference host and the president of the city council of Reykjavik.

The second day of the conference was committed to sessions about food and polymer rheology, application of rheology and suspension rheology. After the lunch break the Annual Business Meeting of the Nordic Rheology Society was held in one of the lecture halls. The well prepared meeting went very smooth and among others it was decided to reduce the membership fee for the NRS. By doing so, more members might be attracted to join the Society.

The 18th Nordic Rheology Conference was closed in a combined session with the Rilem members. The closing session comprised of three lectures. Jón E. Wallevik, ICI Rheocenter, gave a fascinating lecture about the simulation of flow. Nicos S. Martys, NIST, continued with an interesting talk in which he described how to model suspensions with a non-Newtonian fluid matrix. Finally, Nicolas Roussel, LCPC, gave a fascinating overview about the computational modeling of concrete flow. Thereafter, Mats Stading, SIK, informed the delegates about the upcoming 6th Annual European Rheology Conference in 2010. The AERC 2010 will be held in Göteborg April 7-9, 2010. Details will be posted on the NRS website. Short before the formal closing of the NRC 2009, the Organizing Committee was thanked for organizing a successful conference.



The conference dinner was held in the restaurant of the geothermal bath Blue Lagoon. Before enjoying the dinner, most conference participants used the opportunity and took a relaxing bath in the geothermal seawater of this unique place. The geothermal seawater of the Blue Lagoon is known for its healing power and beneficial effect on the skin. In general, this evening was a very successful rheological case study which involved a suspension made of seawater, silica, minerals and algae (and rheologists). During the conference dinner, delegates were entertained by Francois de Larrard on the Piano and later during the evening by an Icelandic composer and singer.

On behalf of the Organizing Committee of Rheo 2009
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