



## MINUTES OF THE 14<sup>th</sup> COMMITTEE MEETING OF THE EUROPEAN SOCIETY OF RHEOLOGY

Karlsruhe (Germany)  
Wednesday, April 9th, 2014  
18:00 – 19:00 h  
Karlsruhe Convention Center

The meeting was organised in conjunction with the AERC2014. The President of the ESR, Mats Stading, opened the meeting welcoming ESR delegates and guests from the wider rheological community.

The officers of the ESR and delegates of 17 European Rheology Groups and associated were present (see Appendix 1).

The Agenda, as emailed by the ESR Secretary, Jean-François Tassin, on March 13, 2014, was accepted.

### Topic 1. Minutes of the 13<sup>th</sup> ESR Committee Meeting (Leuven, Belgium, 2013)

The Minutes of the 13<sup>th</sup> ESR Committee Meeting, as emailed by the ESR Secretary, Jean-François Tassin, on March 13, 2014, were accepted by acclaim.

### Topic 2. Report by ESR President, Mats Stading

Since the last Committee Meeting in Leuven, in April 2013, the Executive Council of the ESR has been conducting actively the business of the ESR.

Official ESR Executive Council meetings :

- 1) Gothenburg (Sweden, October 2013)
- 1) Bad Kleinkirchheim (Austria, January 2014)
- 2) Karlsruhe (Germany, April 2014)

Main topics under discussion:

- Contacts with the Polish Society and SASOR, with Hungary, Bulgaria, Turkey, Kazakhstan
- Contacts with main European project coordinators
- Implementation of new web site. Web site developments, Rheologica Acta on-line, Applied Rheology soon on-line. Problems with abstract submission system.
- Procedures for individual members
- Procedures for the new Nomination Committee
- Clearer guide lines for future AERC organisers
- Initialisation of sub-committee on increased industrial participation

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### **Topic 3. Report by ESR Treasurer, Mike Webster**

Mike Webster presented the financial report for 2013/2014, which is attached as Appendix 2. The financial report was approved unanimously by the ESR Committee, and the Treasurer was thanked.

### **Topic 4. Report by European Editor, Jan Vermant**

The report of the European Editor on the latest developments concerning Rheologica Acta was presented by Jan Vermant. The main points of the European Editor report are :

- That the access to Rheologica Acta through the ESR website was working
- 10% less submission as compared to previous years, as a result of the concurrence with higher IF journals like “Soft Matter”.
- Mike Cates Weissenberg lecture was published in January
- Early career issue is ongoing and a topical issue on “blood rheology” is under preparation.

Jan was thanked for the good work carried out so far.

### **Topic 5. Report by ESR Website Editor, Johan Wiklund**

Johan Wiklund presented the report from the Subcommittee on Rheological Expertise in Europe (“website committee”), which is attached as Appendix 3.

- The new ESR website was published at <http://www.rheology-esr.net> on April 5, after the AERC 2013 closing session.
- The new ESR website has not had any security related problems since it was launched in April 2013 and has only been down temporarily due to a transfer of the web hotel subscription
- Access to the on-line version of Rheologica Acta was implemented in January 2014
- Access to the on-line version of Applied Rheology will be fully implemented in April 2014
- The company One Innovation had several problems implementing the new Abstract handling and payment system. As a result, the new tools could not be used for the Karlsruhe conference AERC2014. Efforts will be made to have this functionality

### **Topic 6. Report of the Subcommittee for Thematic Rheology Conferences and European Rheology Schools, Igor Emri**

Igor reported on new activity in Poland, Hungary, Turkey and Kazakstan. In Kazakstan there are groups working on mechanics of biopolymers, food rheology and rheology of oil. This country expressed an interest in applying for an observer membership to ESR.

A meeting was held in Poland, gathering 70 rheologists from university and industry, in Hungary with about 50 participants.

In Turkey, a national conference will be organized soon and is obviously required before organization of an international congress.

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### **Topic 7. Report on AERC 2014**

The report was presented by Manfred Wilhem and Norbert Willenbacher. The organizers received 309 abstracts for oral presentation (accepted 255) and 132 posters (finally 178 presented since oral presentations were transferred to posters). 470 participants registered among which 133 students and 337 delegates. 44 countries were represented. Germany was the most represented country with about 100 participants. The short courses were successful with about 20 participants / course. The budget was 265 k€ and the organizers were able to attract 83 k€ from sponsors and 27 k€ from exhibitors. The ESR fees will be 15 k€

However, the organizers complained about strong difficulties with the use of the new website (abstract handling, ...). They had to set up their own system to produce the abstract book.

In conclusion, although disfunctioning of abstract handling system, a good conference was obtained thanks to the hard job carried out by the organizers. The organizers were warmly thanked.

### **Topic 8. Preparations for AERC2015**

The latest developments of AERC2015, that will be held in Nantes, April 14<sup>th</sup> – 17<sup>th</sup>, in the “Cité des Congrès” were presented by Michel Cloitre (see appendix 4). The scheduled format will be that of 4 parallel sessions. Invited talks will be given by Jian Ping Gong and David Pine + Weissenberg lecture and Maurice Couette lecture. The chairmen of the parallel sessions have accepted with enthusiasm. A couple of names need to be added. Care was taken to invite chairwoman and ensure a representation of many countries.

### **Topic 9. Election of Nomination Committee, Sub-committee, and representatives for ESR individual members**

The following points were proposed for approval of the Delegates and accepted by acclaim:

- Election of Helen Wilson into the Nomination Committee
- Election of a sub-committee for increased industrial participation with the following members :
  - Jan Engmann (chair)
  - Niall Young
  - Isabel Henaut
  - Vitor Barroso

Information on voting procedure of representatives for individual members was presented to the delegates.

- The candidates will be proposed and their agreement will be asked by the Nomination Committee. The names of candidates will be placed on election web page.
- Individual members will be asked to vote for 9 candidates including a possible own input

- 
- The 9 candidates with most votes will be informed by the Nomination Committee

The nomination of Co-opted members of the ESR Council was proposed to the delegates and accepted by acclaim:

- Igor Emri, Manfred Wagner and Jan Vermant

**Topic 10. SoR nomenclature**

The SoR has updated the official nomenclature. An enthusiastic positive answer was received from the SoR. The delegates approved that the ESR can use the SoR Official Symbols and Nomenclature and adopt it. A link to the SoR Nomenclature will be made on the website.

**Topic 11 Any other topic**

Mats Stading mentioned that bids for AERC2017 and AERC2018 are expected and that selection will be done next year during AERC2015.

**Topic 12. Place and date of next meeting**

The next Committee meeting will be held in Nantes (France), in April 2015, presumably on April 16<sup>th</sup> (on occasion of AERC2015). Exact time and location will be announced in due time.

February 20, 2014

Mats Stading

Jean-François Tassin

ESR President

ESR Secretary



## Appendix 1

### *Participants in the 14<sup>th</sup> ESR Committee Meeting, Karlsruhe, April 4, 2013*

#### *ESR Officers:*

Mats Stading (also NRS delegated)  
Críspulo Gallegos  
Mike Webster  
Jean-François Tassin

#### *Co-opted Members :*

Igor Emri (also Slovenian delegate)  
Manfred Wagner

#### *European Editor*

Jan Vermant

#### *Chairman of the website committee (Subcommittee on Rheological Expertise in Europe):*

Johan Wiklund

#### *AERC2014 chairs*

Manfred Wilhelm, Norbert Willenbacher

#### *ESR Delegates:*

Michel Cloitre (France)  
Peter Fischer (Switzerland)  
Ulrich Handge (Germany)  
Anxton Santamaria (Spain)  
Alex Malkin (Russia)  
Joao Maia (Portugal)  
Mario Minale (Italy)  
Roland Keunings (Belgium)  
Jaroslav Tihon (Czech Republic)  
Evans Mitsoulis (Greece)  
Corneliu Balan (Romania)  
Peter Van Puyvelde (Belgium)  
Patrick Anderson (Netherlands)

#### *Observers*

Mahmut Dogan (Turkey)  
Marek Dziubinski (Poland)



## Treasurer's Report

### April 2013 to April 2014

This report is the ninth annual return of the elected Treasurer (MF Webster) covering the period from April 2013 to April 2014.

With respect to transactions in Society funds to report, new to the present financial year, there has been instigation of **PayPal** payments (ESR subs fees+, **£32**) and a new commitment to Yearly www-maintenance fee (**One Innovation**). The main annual transactions are: the *income* provided by: Annual European Rheology Conference 2013 Leuven (**£4967**) and net interest (~**£4**, *inclusive estimates to April 2014 interest and noting low interest rate*); *outgoings* cover costs for Annual website maintenance fee (~**£329**), www-domain charges, Bank Funds transfer charges (~**£30**), and ESR Awards (~**£1,196**).

Forward projection to the end of the current financial year to **20/4/2014**, the net result is an increase in net assets to (*cash at bank*, **£9,115**). The start of financial year opening balance was (**£5,668**) and the closing year balance will be (**£9,115**), yielding a net cash turnover of (~**£3,448**), inclusive of bank interest and transfer charges. The next financial year shall see an income from the Annual Rheology Conference (Karlsruhe) and a sterling to euro transfer rate around 1.21.

Financial dealings are held to be in accordance with the *governing document* of the Society, following UK Charity Commission guidelines. The Annual Bank Financial Statement and banking documents have been viewed by an independent scrutineer and made available to the ESR executive committee (Board of Trustees). All financial dealings throughout the year have been conducted by direct bank transfer. Four members of the ESR Committee are currently signatories to the cheque book for the Society.

Accordingly, I commend the position of the Society to you as buoyant, covering the financial and organizational procedures outlined above.

Mike Webster, ESR *Treasurer*

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#### President

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## ESR Financial statement April 2013- April 2014

<b>Summary</b>		2013/14	2013/14	2012/13	2012/13
		£	£	£	£
<b>to</b> <b>20/4/2013</b> <b>(01/01/13</b>	<b>Opening balances</b>		<b>5667.63</b>		<b>12814.47</b>
<b>to</b>	<b>Receipts</b>				
<b>31/12/13</b>	Total net interest		4.14		3.27
<b>Charity</b> <b>Comm)</b>	AERC 2013		4967.08		9449.26
	PayPal		31.50		
<b>5002.02</b>	<b>Total receipts</b>		<b>5002.72</b>		<b>9452.53</b>
<b>(01/01/13</b> <b>to</b>	<b>Payments</b>				
<b>31/12/13</b>	Bank Funds trf charges 2013	30.00		147.00	
	Maint. www+Yr fee	329.06		1060.16	
	www dom-charges	0.00		0.00	
	Other misc. charges (Weissenberg-Cat & ESR Award 2013 )	1195.84		0.00	
	Upgrade www (One Innov-II,III,III+,IV,V, Via,Vlb)	0.00		15392.21	
<b>Charity</b> <b>Comm)</b>	<b>Total Payments</b>		<b>1554.90</b>		<b>16599.37</b>
<b>3834.06</b>					
	<b>Turnover</b>		<b>3447.82</b>		<b>-7146.84</b>
<b>to</b> <b>20/4/2014</b>	<b>Closing balances</b>		<b>9115.45</b>		<b>5667.63</b>
<b>Trend/Ratio Analysis</b>					
	Turnover:Capital ( <i>ROCE - profitability</i> )		0.61		-0.56
	Receipts:Payments ( <i>incomings-outgoings</i> )		3.22		0.57
	Payments:Capital ( <i>Liquidity</i> )		0.27		1.30

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## ESR Website report – April 2014

By Johan Wiklund  
ESR Webmaster

- The new ESR website has been developed by the company One Innovation AB, Stockholm, Sweden
- The new ESR website was published at [www.rheology-esr.net](http://www.rheology-esr.net) on April 5, after the AERC 2013 closing session.
- The new ESR website has not had any security related problems since it was launched in April 2013 and has only been down temporarily due to a transfer of the web hotel subscription



### Journals

- Access to the on-line version of Rheologica Acta was implemented in January 2014
- Access to the on-line version of Applied Rheology will be fully implemented in April 2014



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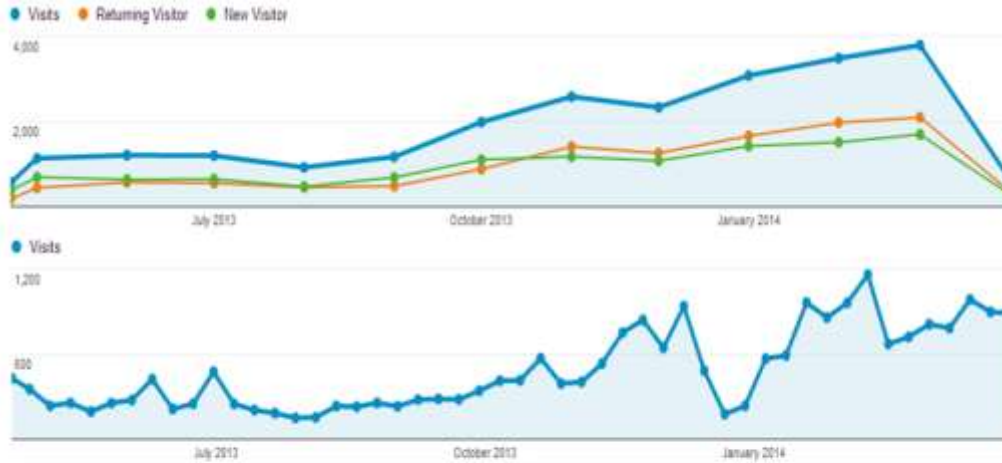
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## ESR Web Site Statistics (April 2013 - April 2014)

- Since April 23rd, 2013 we have tracked 12,112 unique visitors that have visited the site for a total of 24,621 times looking at 64,414 pages



May 2013

**1,134 visits**

November 2013

**2,580 visits**

March 2014

**3,785 visits**

- The overall trend is positive



March 2010

**2,843 visits**



March 2014

**3,785 visits**

- The company One Innovation had several problems implementing the new Abstract handling and payment system. As a result, the new tools could not be used for the Karlsruhe conference AERC2014.
- The Abstract handling & payment system is now working and is now being tested well before the next AERC 2015 in Nantes.








**10<sup>th</sup> ANNUAL EUROPEAN RHEOLOGY CONFERENCE**  
 14-17 April 2015  
 Nantes, **City of Jules Verne**


Gold Jubilee Anniversary of the « Groupe Français de Rhéologie »

## Organization

### Conference Chairs

Michel Cloitre	ESPCI ParisTech	Paris
Lionel Choplin	ENSIC	Nancy
Jean-François Tassin	Université du Maine	Le Mans

### Organizing Committee

Guylaine Ducouret (Président)	ESPCI ParisTech	Paris
Lazhar Benyahia	Université du Maine	Le Mans
Pascale Bridou Buffet	Fédération Française des Sciences de la Chimie	Paris
Christian Carrot	Université Jean Monnet	St Etienne
Xavier Chateau	Ifsttar	Marne la Vallée
Francisco Chinesta	Ecole Centrale de Nantes	Nantes
Guy Della Valle	INRA	Nantes
Alain Ponton	Université Paris-Diderot	Paris
Rudy Valette	Mines ParisTech	Sofia Antipolis
Vincent Verney	Université Blaise Pascal	Clermont Ferrand

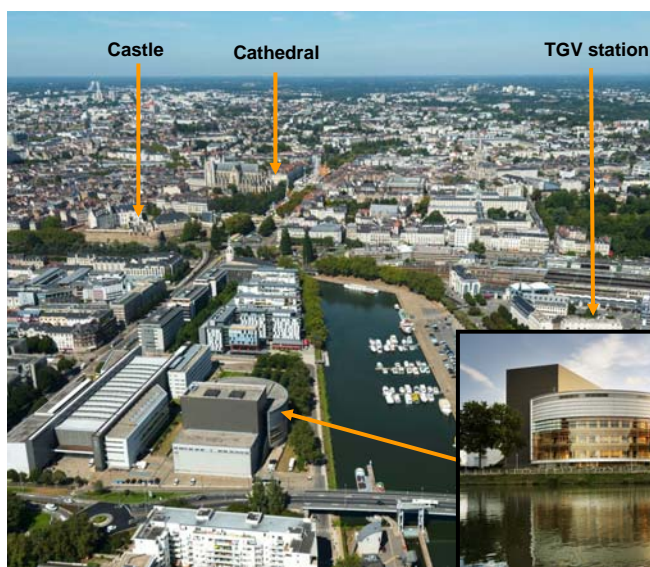


## Where is Nantes?



Direct high speed trains connect Nantes to many destinations in France and Europe  
 There are direct flights to 50 international destinations

## Location of the conference center



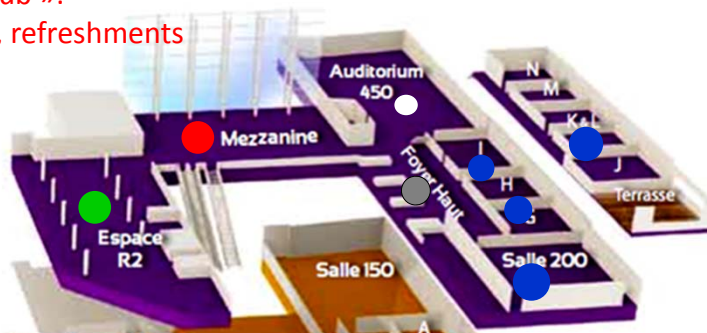
Shuttle, Taxi (20')



## Conference venue

**Plenary auditorium (450 seats)**

« Science pub »:  
Exhibitions, refreshments  
(500 m<sup>2</sup>)



Restaurant (500 m<sup>2</sup>)  
High quality local products

Parallel sessions:  
200, 3x100 seats

Registration and information

## Time table

	Tuesday 14 <sup>th</sup>	Wednesday 15 <sup>th</sup>	Thursday 16 <sup>th</sup>	Friday 17 <sup>th</sup>
8h30		Opening	Plenary 2	Plenary 4
8h45		Plenary 1		
9h30	Short courses <sup>a</sup>			Poster Award
9h50		Oral (3)	Oral (4)	Oral (3)
10h10				
10h30		Coffee Break	Coffee Break	Coffee Break
10h50				
11h20		Oral (4)	Oral (4)	Oral (4)
11h40				
12h00		Lunch	Lunch	Lunch
12h20				
12h40		Oral (3)	Plenary 3 (GFR)	Oral (5)
14h10		Coffee break	Coffee break	
14h30		Oral (5)	Oral (5)	
14h50				
15h10				
15h30	Airbus Visit			Closing
15h50				
16h10				
16h30				
16h50				
17h10				
18h00	Welcome reception Registration	Boat trip	Poster session <sup>b</sup>	
19h30				
20h00		ESR Diner	Banquet	
20h30				

4 plenary lectures  
220 contributed talks  
1 poster session  
Poster awards in plenary session  
Permanent exhibition

<sup>a</sup> : meeting of ESR governing board  
<sup>b</sup> : meeting of ESR delegates

## Plenary lectures

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Jian Ping Gong  
(Hokkaido University, Sapporo, Japan)



David Pine  
(New York University, USA)



Weissenberg lecture

Maurice Couette lecture

## General symposia

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- **Advanced techniques and methods in rheology**  
*Peter Fischer (CH), Sébastien Manneville (FR), Dimitris Vlassopoulos (GR)*
- **Colloids, suspensions, and granular materials**  
*Jeffrey Morris (USA), Guillaume Ovarlez (FR)*
- **Confined flows, microfluidics and rheology at the microscopic scale**  
*Lydéric Bocquet (FR), Patrick Doyle (USA)*
- **Food, cosmetic, active and biological rheology**  
*William Frith (GB), Mats Stading (SE)*
- **Interfacial phenomena, foams and emulsions**  
*Sylvie Cohen-Addad (FR), Pier Luca Maffettone (I), Jan Vermant (B)*
- **Nano, micro and macroprocessing**  
*Philippe Cassagnau (FR), José Covas (P)*
- **Polymers in solutions, self-assembling systems and gels**  
*Christian Ligoure (FR), TBA*
- **Polymer melts, blends, composites and solid polymers**  
*Leon Govaert (NL), Evelyne Van Ruymbecke (B)*
- **Simulations and computational rheology**  
*Francisco Chinesta (FR), Gerhart Gompper (DE)*
- **Structured flows and instabilities**  
*Suzanne Fielding (GB), Bruno Vergnes (FR)*

## Short courses

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Organizer: Paco Chinesta (Ecole Centrale de Nantes)

Location : Ecole Centrale de Nantes and visit at Airbus Industry

### **Rheology and processing of polymeric materials**

- Lecture 1 : Polymers for advanced industrial applications
- Lecture 2 : Design of reinforced polymeric materials
- Lecture 3 : Reactive processing of novel composite materials
- Visit of Airbus industrial site

## Website

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Persons in charge: Rudy Valette; Frédéric Bossard

Content and text available

First announcement is on line

Extended information will be on line after AERC 2014

**We are in contact with Johan Wiklund and Mats Stading to  
Set up an extended test of ESR website reliability**

## Cruise on Erdre river with cocktail

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Wednesday 15<sup>th</sup> (18:00 – 20:30)

## Conference dinner

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Chateau de la Pigossière

Thursday 16<sup>th</sup> (20:30)





## Registration fees

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### Conference fees (Include boat trip and opening cocktail)

Early bird (Delegates / Students): 350 € / 220 €  
Normal (Delegates / Students): 400 € / 270 €

Short courses: 250 €

Conference dinner (Delegates/Students)  
60 € / 30 €

Lunches: 16 €

Participants will be encouraged to have lunch at the conference. High quality meals based on local products will be served during the lunch breaks (Wednesday/Friday)