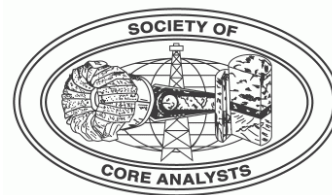


SCANews



The SOCIETY of CORE ANALYSTS

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Message from the SCA President

Tom Fate

Dear Colleagues,

These are very exciting times for the SCA. We had 202 attendees at the 2006 Symposium in Norway. The Symposium had many excellent papers, good support from the Vendors and wonderful activities and meals. I especially want to thank the Local Organizing Committee, Odd Hjelmeland Chairman, Yogi Vindum and all of the vendors and Ivar Erdal, the Vice President of Technology 2006, for all of their hard work and dedication. It was through their efforts that the Symposium was a success.

The SCA is involved in a joint topical conference with the SPWLA. This will provide some interesting discussions and allow members of both societies to see the technology requirements from different perspectives. You may have already seen this, but I wanted to highlight the announcement from the SPWLA (see below). Attendance is limited, so contact the SPWLA as soon as possible if you wish to attend.

I would like to thank John Shafer, the Houston based United States Director, for all of his hard work and dedication in helping to arrange this conference. I hope to see many more in the future, potentially with the SPE and AAPG. If any of the SCA members have any ideas for future collaborations please contact me or any of the SCA Board Members.

“The SPWLA 2007 Spring Topical Conference will be a joint SPWLA/SCA Conference on Core - Log Integration for Improved Petrophysical Analysis. The conference will be held March 25-29, 2007 at the Sunriver Resort in Bend, Oregon.

The real world situation is that only a limited number of cores may be obtained for an individual project but well log data usually exists for every well. At its most basic level, core-log integration is the tool or process used to leverage the information obtained from the core and its lab analyses. The integration is implemented to reduce uncertainty in the log evaluation of the reservoir zones where no core control exists.”

These are busy times in the oil & gas industry for core analysts, there are more cores being taken and many complex projects need the information provided by core analysis. Please take time to provide an abstract for a paper or poster for the 2007 Symposium in Calgary, it is an exciting venue and should provide good opportunities to learn about new core analysis technologies.

I would like to thank all of the SCA Members for their support of the SCA and wish you a wonderful year in 2007!

Winter issue of SCA News...

by **Andrew Cable, Editor**

Welcome to the winter issue of SCA News, although I have to say it doesn't feel much like winter. It is mid-December and there has been no sign of winter weather. However, the wind and rain has more than made up for that in the past month.

For those unable to make the symposium in Norway, the solution to the cross-word (August SCA News) can be supplied on request. The winner of the digital camera, sponsored by Vindum Engineering, was Gunn Anita Lovrod of Reslab AS.

It has to be said that SCA 2006 was the most relaxing workshop I have ever attended, on board the *MS Midnatsol*



Photo: On board the MS Midnatsol courtesy of Mostafa Fourar

As you will see from the photographs in SCA News, and the photo gallery posted on the SCA web site, the atmosphere was very congenial.

Perhaps if there is enough interest we can have a photographic or 'captions' competition. By all means send me your photographs and/or captions and we shall see.

I particularly like the sunset taken on Saturday evening from deck:



Photo: From the MS Midnatsol courtesy of Jared Potter (Potter Drilling LLC)

This picture has become my laptop 'wallpaper'. Unfortunately I couldn't take my own pictures, as I remain camera-less. I was hoping to win a camera on the Corpro exhibitor stand, but was pipped at the post (*merde!*).

Happy Christmas everyone!

Andrew Cable
VP Publications

Note from the VP Technologyby **David Potter****Call for Abstracts – Symposium 2007**

Dear SCA Members,

The 21st International Symposium of the Society of Core Analysts will take place on 10-13 September 2007 in Calgary, Canada. The conference will consist of 3 days of technical sessions (including both oral and poster presentations) and a 1 day workshop either at the beginning or the end. There will also be two optional visits, which are likely to include a Dinosaur Museum on Sunday 9th September and a trip to Banff on Friday 14th September. The SCA website at <http://www.scaweb.org/> will give further details when they become available.

The Symposium theme is **“Core Analysis for Improved Petrophysical Appraisals.”**

We would like you to bear this theme in mind as you prepare your abstracts. This might include improvements to existing core analysis techniques, or the development of new rapid, non-destructive techniques that allow improved and quicker petrophysical appraisals. The SCA Technical Committee invites abstract submission for oral presentations and posters for the following proposed sessions:

1. Improved SCAL Techniques, Anisotropy Geomechanics (stress, temperature sensitivity).
2. Pore Scale Imaging and Modelling.
3. Wettability Determination/Restoration.
4. Displacement Mechanisms.
5. Improved oil recovery/heavy oil/oil sands and shales/geochemistry.
6. Case Studies. In particular studies which demonstrate improved petrophysical appraisals from core analysis.
7. Other. If your paper does not fit in any of the above sessions then please suggest another appropriate session.

Abstracts are due no later than 15th January 2007 and should be submitted using the electronic submission form on the SCA website at the following URL:

http://www.scaweb.org/symposium_2007_callforabstracts.shtml

Only abstracts submitted using the electronic form will be considered for the conference. The form should be fully completed for each abstract submitted for consideration. If you require any further information regarding the proposed technical sessions contact me at david.potter@pet.hw.ac.uk

The Technical Committee for the 2007 Symposium has been formed and a list of the members is given below. I am grateful to all those on the Technical Committee for the significant time and effort they will make throughout the coming year in reviewing the abstracts and subsequent papers, which will ensure that we have the best possible technical sessions. On behalf of the Technical Committee I look forward to receiving your abstracts, and to seeing you in Calgary next year.

SCA Technical Committee for the 2007 symposium:

Waddah Alhanai, ADNOC
Cliff Black, BP
Dave Bowen, Core Laboratories
Ted Braun, Exxonmobil
Jill Buckley, New Mexico Tech
Jean-Baptiste Clavaud, Chevron
Louis Cuiec, Institute Francais du Petrole
Patrick Egermann, Gaz de France
Ivar Erdal, Numerical Rocks
Tom Fate, Chevron
Marc Fleury, Institute Francais du Petrole
Mostafa Fourar, Ecole des Mines de Nancy
Gerald Hamon, Total E&P
Matt Honapour, ExxonMobil
Xu-Dong Jing, Shell
Apostolos Kantzas, University of Calgary

Mark Knackstedt, Australian National University
Roland Lenormand, Cydarex
Kewen Li, Stanford University
Jos Maas, Shell
Dan Maloney, ConocoPhillips
Shehadeh Masalmeh, Shell Abu Dhabi
Norma Morrow, University of Wyoming
David Potter, Heriot-Watt University
Gary Potter, Core Laboratories

Jon Knut Ringen, Statoil
Doug Ruth, University of Manitoba
John Schafer, Reservoir Management Group
Arne Skauge, University of Bergen
Bob Smits, Shell
Ole Torsaeter, Norwegian University of Science and Technology
Olga Vizika-Kavvadias, Institute Francais du Petrole

From the US Director 2006-2007 SCA Board
John Shafer

The SCA will be co-sponsoring two conferences with the Society of Petrophysicists and Well Log Analysts (SPWLA) in 2007 related to core analysis in support of log analysis. SCA is a Chapter of SPWLA. The first up is the 2007 Spring Topical Conference for the SPWLA On ***“Core-Log Integration for Improved Petrophysical Analysis”*** to be held in Sunriver Resort, Bend, Oregon on March 25 to 29th. Conference details are posted on SPWLA website at www.SPWLA.org. The second is the Houston Chapter of SPWLA will be focusing their Annual Spring one day seminar in May held in Chevron Auditorium in Downtown Houston on ***“Core Analysis in Support of Petrophysics”***. Details will be posted early next year at <http://www.spwla-houston.org/pages/events.htm>. Both of these are a Joint SPWLA and SCA conference with SCA membership on the organizing committee.

Best Paper 2006

by *Ivar Erdal 2007 President Elect*

The final task for the 2006 Technical Committee, identifying best papers and posters from the Trondheim Symposium, has been completed. During the symposium, each member of the committee has assigned a score to each paper that was presented. The scores were on a scale from 1 to 5, with 5 being the score for a paper of exceptional quality. Also the posters presented during the symposium were given scores. The scores should capture the overall impression of the paper/poster; the scientific value, relevance for the core analysis industry, new insight added to existing literature, accuracy of the scientific work and presentation of the work (manuscript/poster and oral presentation).

The score sheets were collected and an average score determined, from which a ranking of the papers and poster could be made.

The Best Paper Award goes to A. Lager, K.J. Webb, C.J.J. Black, M. Singleton and K.S. Sorbie for Paper SCA2006-36:

“Low Salinity Oil Recovery – An Experimental Investigation”

The Best Poster Award goes to I. Chatzis and N. Rezaei for Poster SCA2006-41:

“A New Method for Characterizing the Pore Structure Heterogeneities in Carbonate Core Samples”

The results for second and third papers were:

O.P. Ivakhnenko and D.K. Potter for Paper SCA2006-08 **“The Use of Magnetic Hysteresis and Remanence Measurements in Rapidly and Non-destructively Characterising Reservoir Rocks and Fluids”** and J. Dacy and P. Martin for Paper SCA2006-29 **“Practical Advances in Core-Based Water**

Saturation Analysis of Shaly Tight Gas Sands”.

These two papers obtained the same scores!

The same goes for the second and third posters; they also obtained the same scores. The posters are:

T. Boassen, E. Kowalewski and P.V. Hemmingsen for Poster SCA2006-43 **“Cryo ESEM Studies of Emulsions and Fluid Distribution at Pore Scale”**

and M. Fourar for Poster SCA2006-49 **“Characterization of Heterogeneities at the Core-Scale Using the Equivalent Stratified Porous Medium Approach”**

Congratulations to the winners for their excellent contributions, and to the runner-up papers and poster that followed very close to the winners! There were many excellent papers and poster at the 2006 Symposium, and I would also like to thank all the other authors for their contribution to the Symposium and the society.

Finally I would like to thank the members of the Technical Committee for their excellent job in reviewing and ranking the papers and poster and for their contribution during the Symposium!

See you in Calgary!

Ivar

Bas Schipper Retires ! (from Shell...)

by **Bob Smits SCA Past President**

Farewell speech by Bob Smits on the occasion of Bas Schipper's retirement from Shell, on behalf of the SCA, Thursday 30th November 2006



Photo: Bas Schipper

Dear Bas,

Although I have been one of your previous bosses in Shell, I give this speech not on behalf of Shell but on behalf of the Society of Core Analysts (SCA).

The SCA has started around 1985. You have been very instrumental in setting up and fostering the SCA in its early years, often against pressure from inside and outside. You have been a Board Member ever since 1994. From the time I joined, in 2001, I have known you as the *VP Membership* and *Webmaster* for the SCA. You have done the web-mastership together with your son Jeroen, who has helped you very well with the more "nerdy" IT stuff. As a consequence, the SCA website looks very professional and also is updated if/when required. To enable this regular updating you spare no efforts to remind the various

parties involved to share their material as soon as it is available.

On a more personal level, I have attended the annual SCA symposia several times and always was pleased with your high level of commitment. It also always was a pleasure to have dinner with you and your wife Tiny at these international locations, such as Edinburgh (UK, 2001), Monterey (California, 2002), Pau (France, 2003), Toronto (Canada, 2005) and Trondheim (Norway, 2006). Due to illness I unfortunately missed the symposium in Abu-Dhabi in 2004, but fortunately you took over my duties as *VP Technology* during that symposium very effectively and professionally. I want to thank you once again for that. As you have kindly offered to continue your SCA functions after your retirement, I also look forward to the forthcoming meetings in Calgary Canada (2007) and Abu-Dhabi (2008).

I have asked the current SCA Board members for their input and got the following responses:

Douglas Ruth

For many years, I have valued Bas as a colleague, co-conspirator and as a friend. His dedication to our profession and to the SCA has been nothing short of exceptional. I am sure that Shell will miss his wise advice and am delighted that he will continue with his SCA activities.

On a personal note, I'll never forget the time he found a pair of track shoes in Abu Dhabi. They were knockoffs of "Adidas"; they were called "Adibas". Despite Bas's well earned reputation for frugality, he bought them immediately.

Andrew Cable

I first met Bas in 1999 at SCA Golden, but it was really through Tiny & Shirley talking on

the spouse functions that I was introduced. Both Shirley & I wish Bas a long and happy retirement.

Jon Knut Ringen

It seems that whichever laboratory I visit in this world, Bas has already been there and they refer to his advices and recommendations. "Approved by Bas" ranks high in the industry.

John Shafer

My first recollection of Bas was at the 1987 Dallas SCA meeting. I had been out jogging around the hotel and afterwards Bas comes up to me tell me what pace I had been running, having timed me from his hotel window. Back then Bas was running longer than a marathon each and every weekend, while I was struggling with a few miles. Over the past 20 years we have worked together at SCA, rewriting API's core analysis guidelines, and core analysis protocols and data analysis for Shell's Bonga project and Exxon's Chad project.

The SCA is indebted to Bas for all the work that he and his son have done to initiate and maintain the SCA website and for Bas and Tiny's hosting of the 1998 SCA Symposium in The Hague. It has been a real pleasure to know and work with Bas these past twenty years and I wish him all the best in his retirement.

Ivar Erdal

Ever since I started in the core analysis business, way back in 1987, I have been in contact with Shell Rijswijk. Very early it became evident that Bas was the person to discuss with when it came to laboratory methods, equipment and best practices in the area of SCAL, like resistivity measurements, continuous injection and similar analyses. When I later started to work more towards the OpCo's, and especially PDO, again Bas's name was mentioned and referred to whenever we were discussing technical programs and analytical challenges. And last but not least;

whenever there was an upcoming SCA symposium Bas's name shows up everywhere. It seems like Bas is synonymous with SCAL and SCA - and I believe it is so !

I sincerely hope that when Bas retires from Shell we will still be able to utilize his skills and services in the SCA for many years to come, and I am already looking forward to meeting him in Calgary in 2007.

The SCA Board wishes you every success in your retirement and we all (including all SCA members) hope to see you at least at every annual symposium and if possible meet with you virtually at our regular board phone meetings. Your decision to stay active in your current functions in the SCA is really very good and much appreciated by the SCA Board, as you are so full of energy for the well-being of the SCA.

Last, but not least, I want to give you a present on behalf of Shell, namely a lifelong SCA membership. I hope you will be able to enjoy it for many years to come. All the best, also for Tiny and Jeroen, and we hope to see you all often again,

Bob Smits



“END-POINT...”

More from ‘Rogues Gallery’:-



Photo: Monsieur Fleury experimenting again with his ‘water-wet’ membranes



Photo: Very relaxed messieurs et madam. The man in the middle has a very nice new camera!



Photo: Do we know these guys??



I thought I would include a few festive jokes. But being a responsible editor, of a truly global society, I filtered out the sexist, rude, politically incorrect, religious, French, and all the jokes that aren't funny and we are left with this !



What did the bald man say when he got a comb for Christmas?
Thanks, I'll never part with it



Why do reindeer wear fur coats?
Because they would look silly in plastic macs



Why did the reindeer wear sunglasses at the beach?
Because he didn't want to be recognised

(from <http://www.crewsnest.vispa.co.uk>)