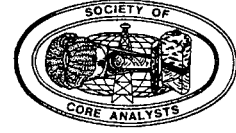


SCANews



The SOCIETY of CORE ANALYSTS

P.O. Box 802023, Dallas, Texas 75380
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Message from the President

by **Douglas Ruth**

As I sit here looking at the rain pelting on my window, I remember with great fondness the warm breezes and the bright sunny skies of the Gulf. Abu Dhabi is calling. Planning for Symposium 2000 is well underway. The papers have been selected and are currently under review. (The quality of the papers this year is absolutely superb.) A workshop that will focus on case studies of SCAL in carbonates is being organized. The conference will include a field trip that will take us across the desert to the outcrops of the reservoirs that provide the financial base of the miracle that is the United Arab Emirates. This event is not to be missed. The cooperation of local companies and the Local Organizing Committee has been outstanding; this is reflected in the low cost of the conference and the high quality of the accommodations that you will enjoy. A spouses program is being planned, supports to facilitate an extended stay are being put in place, the gold markets are stocking up, and everything is being readied for your visit. Please plan to join us. Visit the website for complete information and a registration form.

I would like to take this opportunity to highlight our website. Largely through the efforts of Bas Schipper, VP Membership, the website has evolved into a first class resource. I strongly encourage you to visit it. Not only does it contain the latest information on such things as the upcoming Symposiums, it also provides such things as the Forum where you can obtain (or give) expert advise on current problems. This is a service to our members that relies heavily on membership participation. Take a few minutes now to check it out. I also wish to thank the sponsors of the website (their logos are proudly displayed) whose financial commitments to the society make this site possible.

The SCA is facing several decisions that need the input of you, the membership. This issue of SCANews includes a questionnaire that bears directly on the future of this publication. Is it time that we went electronic? In this modern age where the Board meets by teleconference, all of our correspondence is by e-mail, and we keep updated by going to a website, is it time to distribute SCANews over the internet? We want to serve your needs. To do this we need your input. Please take five minutes and complete the form.

In order for the SCA to evolve, we need to know how it can better serve you. We are open to suggestions about new directions and new initiatives. Although you are served by an energetic and creative Board, we do not have a monopoly on good ideas. And never before has it been so easy to join in. With e-mail and our website, and the penetration of the internet into even the most remote corners of the world, you are no more than a keystroke away.

As I commented in my last message, your society is truly global. No matter where you live, I warmly invite you to participate.

Publishers' Corner

Lutz Riepe, Vice President Publications

No News is good News?!

Maybe you have also abused this proverb during your childhood as an excuse, in case you have not even sent one single postcard from your holiday camp?

But of course this should not be the motto for the editor of a newsletter.

So I have to find a better explanation, why you had to wait half a year for the first issue of SCANews in this year. One reason is that all final updated informations about the coming SCA Symposium in Abu Dhabi should be distributed with this issue in due time before the event in October.

So please watch the corresponding conference pages, and please try to attend this exciting event at a very special place of this world!

Furthermore there is an ongoing discussion on the need and on the future of SCANews as a printed newsletter. Maybe you might have asked yourself:

Is this the first and the last issue of SCANews in this new millennium??!

Honestly, I really can't tell you at this moment. Yes, there will be a continuation of a newsletter, but the form and the medium is fully open for debate.

There is no debate and no doubt about the need of a medium to exchange news and actual informations for our members. The only question is where and how should the communication be organized in the near future?!

At the end the final answer has to be given by you, i.e. the SCANews readers and SCA members. Based on your votes and comments the Board will have to come to a decision on the future of SCANews.

The discussions are not new at all. There are indeed quite a number of pros and cons, whether a printed newsletter is still adequate and required for a scientific and professional society like SCA at a time where there are by far quicker and easier ways available of communication and information sharing?!

We first have to ask ourselves on the real bottom line value of SCANews in relation to the requested resources and efforts to produce it. Let's assume that there is undoubtedly an ongoing need and request to share actual informations, e.g. updates of memberships and announcements and programmes of our SCA specific events.

What are the **alternatives** to the actual printed SCANews?

Thanks to Bas Schipper's ongoing initiatives we can be proud to have an excellent and professionally maintained **Webpage**, which is the ideal quick and easy platform to distribute all the requested informations. I feel that the actual form of electronic links are also a more attractive option for our advertisers to place and actualize their adverts.

The main and strongest argument against the Web option was always the perceived limited access of our members to the Internet. But is that really still true and valid?

Thus it will be very interesting to assess the number of members that still request a conventional mailing of a printed version.

As another attempt we have included in this issue a short **questionnaire** to get your feedback. All opinions and proposals are more than welcome. It will take you less than 5 minutes to complete the questionnaire, but it will certainly help the Board to incorporate a quasi democratic element in the decision process.

Of course you can also provide your answers electronically via the SCANews forum on our webpage. Why not trying this option as a first step into a new SCANews future?!

To give you an additional motivation, and to get hopefully more than one answer as in the previous attempt, we will draw a **price** from all responses that have included their names on the questionnaire (a bottle of Single Malt Whisky was my original proposal, but our "wise" Board granted instead of a profane consumable, a sustainable price in form of a **free lifetime SCA membership**, wow!!).

Please note that SCA is not at all alone with the idea to make better use of the webpages: the well established Newsletter "**Dialogue**" of LPS (the London Petrophysical Society) has started this year to edit and to distribute their issues via their webpage only!

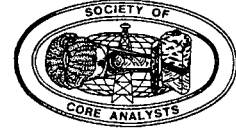
For those who still want to see some printed SCA news in addition to our Webpage, there might also be the option to provide actual informations via a regular column or page in "**Petrophysics**", the former "Log Analyst", the widespread Journal of our "mother" society SPWLA?!

So many thoughts will have to be discussed, and with your individual contributions we will mutually find the most effective way forward.

When this issue will be distributed, some of you will have already started their summer break: Enjoy your holidays, and if you want some more sun in October,

join us in Abu Dhabi ??!

SCANews



The SOCIETY of CORE ANALYSTS

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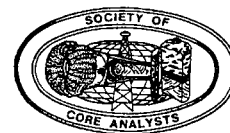
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SCANews



The SOCIETY of CORE ANALYSTS

VP Publications Lutz Riepe

Questionnaire on the Future of SCANews

Many Thanks for taking 3- 5 minutes to answer the following questions!!

1. How do you estimate the present value of information of SCANews?

High	Medium	Low
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. Do you support the idea to replace the printed editions by an online electronic version on the SCA Webpage with an email notification when a new issue is available?

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>

3. Do you have access to the Internet and thus the SCA webpage ?

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>

- 3.a If yes, would you request a paper copy of SCANews in addition to the electronic version?

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>

- 3.b If no, do you envisage to get access to the Internet within the next year?

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>

4. Would you be ready to pay extra charges for the mailing of a printed copy of SCANews?

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>

5. Do you have regular access to the SPWLA Journal "Petrophysics"?

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>

Any further comments or proposals to the future of SCANews?!

.....
With the international nature of the organization, Web based communications
.....
makes the most sense.
.....

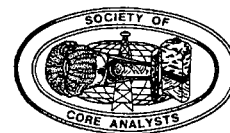
.....
Please fax your **response** before **Sept. 30th 2000** to L. Riepe **Fax Nr. : +49 5116411064** and/or
please put your answer on the **SCA Webpage SCANews Forum !**

If you want to participate at the drawing for a small prize between all that have answered the questionnaire, please give your name and address:

NAME:

Address:

SCANews



The SOCIETY of CORE ANALYSTS

Papers to be presented at the SCA 2000 Symposium in Abu Dhabi

# SCA	Title	Authors	Corresponding author	Country
1	Relative permeability measurements in carbonate rock.	E. M. Withjack and J. R. Durham	Eric Withjack	USA
2	Oil mobility in transition zones.	S. K. Masalmeh	S. K. Masalmeh	NL
3	Laboratory techniques to evaluate NMR diffusion in carbonates.	James J. Funk, Shameem Siddiqui, Mohammed BaTaweel, and Sultan Al-Faqeer	James J. Funk	Saudi Arabia
4	Movement of connate water during water injection in fractured chalk.	E. A. Spinler , D. R. Maloney	E. A. Spinler	USA
5	Relationships between non-wetting phase invasion and magnetization evolution in connected pore systems as revealed by network simulation.	D. Chang, M.A. Ioannidis and I. Chatzis	M.A. Ioannidis	CAN
6	Static and dynamic measurements of reservoir heterogeneities in carbonate reservoirs.	Shameem Siddiqui, James J. Funk and Aon A. Khamees	Shameem Siddiqui	Saudi Arabia
7	Relative permeability, hysteresis and I-Sw measurements on a carbonate prospect.	N. van der Post, S. Masalmeh, J. Coenen, K. van der Gijp and J. Maas	N. van der Post	NL
8	Early water breakthrough in carbonate core samples visualized with X-ray CT.	Toshiya Oshita, Hiroshi Okabe	Toshiya Oshita	Japan
9	A dual-network model of pore structure for vuggy carbonates.	M.A. Ioannidis and I. Chatzis	M.A. Ioannidis	CAN
10	<i>Withdrawn</i>		Withdrawn	
11	Trapped gas, relative permeability and residual oil saturation of an oil-wet sandstone.	James G. Kralik, Larry J. Manak, Andrew P. Spence, and Gary R. Jerauld	Gary R. Jerauld	USA
12	Determination of multiphase flow properties in gas- and WAG- flooding	Hege Urkedal, Egil Boye Petersen and Jan-Erik Nordtvedt	Hege Urkedal	Norway
13	Significance of absorption coefficients when determining in - situ core saturations by linear x-ray scans.	Dan Maloney, Dennis Wegener, and David Zornes	Dan Maloney	USA
14	Including capillary pressure in simulations of steady state relative permeability experiments.	Susanne Poulsen, Tormod Skauge, Erling Stenby, and Arne Skauge	Arne Skauge	Norway
15	SCAL: an indispensable step for formation damage evaluation.	Daniel Longeron	Daniel Longeron	France
16	Potential effects of current and future drilling fluid systems on core analysis.	C.H. van der Zwaag, Kjell Foss, Ger van Graas	Claas H. van der Zwaag	Norway
17	<i>Withdrawn</i>		Withdrawn	
18	Resistivity index measurements under weak capillary forces.	J.G. Maas, N. van der Post, K. van der Gyp, J.G.C. Coenen and W.J. Looyestijn	Jos Maas	Netherlands
19	The H&B boundary conditions in centryge pc experiments. (or why there is no experimental evidence that the centrifuge technique ever failed.)	Pierre Forbes	Pierre Forbes	France
20	Capillary transition zones from a core analysis perspective.	Johne Alex Larsen	Johne Alex Larsen	Norway
21	Mercury porosimetry protocol for rapid determination of petrophysical and reservoir quality properties.	John Shafer and John Neasham	John Shafer	USA

22	An Automatic-Optimization Data Analysis Technique Based on Forbes' Second Method.	Douglas Ruth and Pierre Forbes	Douglas Ruth	Canada
23	Influence of heterogeneity, wettability and coreflood design on relative permeability curves.	Gerald Hamon, Clement Roy	Gerald Hamon	France
24	A simulation study of spontaneous imbibition.	Douglas W. Ruth, Norman R. Morrow, Yi Lu, and Jill S. Buckley	Douglas W. Ruth	Canada
25	Impacts of wettability on oil recovery in fractured carbonate reservoirs.	Arne Graue, Robert W. Moe and Thomas Bogno	Arne Graue	Norway
26	Oil recovery by spontaneous imbibition from weakly water-wet rocks.	Xina Xie, Norman R. Morrow	Norman R. Morrow	USA
27	<i>Withdrawn</i>		Withdrawn	
28	New coreflood interpretation method based on direct processing of in-situ saturation data.	S G Goodyear and M Goodfield	M Goodfield	UK
29	Improvements of coreflood design and interpretation using a new software	F. Gouth - T. Fincham	F. Gouth	France
30	The effect of core heterogeneity on unsteady-state displacements.	D. Fenwick, N. Doerler and R. Lenormand	R. Lenormand	France
31	A model of capillary equilibrium for the centrifuge technique.	E. Goglin, P. Egermann and M. Fleury	M. Fleury	France
32	<i>Withdrawn</i>		Withdrawn	
33	Stress-dependent porosity and permeability of a suit of samples from Saudi Arabian sandstone and limestone reservoirs.	M. A. Mohiuddin, G. Korvin, A. Abdulraheem, M. R. Awal, K. Khan, M. S. Khan and H. M. Hasan.	M. A. Mohiuddin	Saudi Arabia
34	Core petrophysical measurements on unconsolidated sands in deep water reservoir.	B. Levallois	B. Levallois	France
35	Petrophysics of Shuaiba reservoir, Shaybah Field.	Taha M. Okasha, Jim J. Funk, and Yaslam S. Balobaid	Taha M. Okasha	Saudi Arabia
36	A new method to determine critical gas saturation and relative permeability during depressurization in the near-wellbore region.	P. Egermann and O. Vizika	P. Egermann	France
37	Development of in-situ measurements to determine reservoir condition critical gas saturations during depressurisation.	Peter Naylor, David Mogford and Robert Smith	Peter Naylor	UK
38	Gas relative permeability reduction due to waterblocking -- A laboratory based analysis.	Catherine Laroche, Jairam Kamath, Yanis Yortsos, and Frank Nakagawa	Catherine Laroche	France
39	X-ray in-situ saturation in gas condensate relative permeability studies.	Andrew Cable, Robert Mott and Mike Spearing	Andrew Cable	UK
POSTERS				
40	Improved flooding experiments in heterogeneous rocks using in-situ saturations from X-ray CT measurements.	S. H. Midtlyng, J. Å. Stensen	Svein H Midtlyng	Norway
41	Simultaneous determination of water saturation and salinity by combining electric with dielectric measurements during multiphase displacement in sandstones.	F.D. Boerner	F.D. Boerner	Germany
42	Carbonate acidizing : a physical simulation of well treatments.	Brigitte Bazin and Daniel Longeron	Brigitte Bazin	France
43	Techniques for relative permeability calculations: a closer look.	Rémi Courtial and Saïd Ghalimi	Rémi Courtial	France
44	Discrimination of bound water in small pores and thin films in porous media by NMR method.	S. Akselrod, K. Mirotnik, A. Kantzas and K. Allsopp	A. Kantzas	CAN
45	Vertical water injection in a heterogeneous sand column: experiment and analysis	S.H. Midtlyng, G.A. Virnovsky, W. Hammervold, J.Alvestad	George Virnovsky	Norway
46	<i>Withdrawn</i>		Withdrawn	
47	Application of non-destructive continuous motion X-ray analysis for Petrophysical	Gary Gunter, Kent Newsham, Henry Hinch,	Gary Gunter and Kent Newsham	USA

	reservoir characterization studies.	Gene Kullman, Michiel Stofferis and Chris Smart		
48	A new method in preparing laboratory core acoustic data for assisting seismic-based reservoir characterization.	Bambang Widarsono, Fakhriyadi Saptano	Bambang Widarsono	Indonesia
49	Simultaneous determination of absolute and relative permeabilities.	Valestrand, R., Kolltveit, K., Nordtvedt, J.E.	Valestrand, R.	Norway
50	Nuclear magnetic resonance log evaluation of low-resistivity sandstone reservoirs by -passed by conventional logging analysis.	G.M. Hamada, M.S. Al-Blehed and Al-Awad M.N.J.	Hamada, G.M.	Saudi Arabia
51	Comparing different methods for capillary pressure measurements	Mohammad Sarwaraddin, Ole Torsaether, and Arne Skauge	Mohammad Sarwaraddin	Norway
52	Permeability measurements in carbonates.	Patrick Corbett and Jorge Gomes	Patrick Corbett	UK
53	Laboratory analysis of tight carbonates and implications for NMR Logging.	Maurizio Giorgioni and Benjamin Lowden	Ben Lowden	UK
54	Pore scale to well bore scale specific surface characterizations in carbonates.	James J. Funk, Shameem Siddiqui, Yaslam Balobaid, and Taha Okasha	James J. Funk	Saudi Arabia
55	Ultrasonic wave attenuation in cores: A new approach to enhance accuracy, reproducibility, and data processing.	M. R. Awal, G. Korbin, M.A. Mohiuddin, A. Abdulraheem, K. Khan, and M. S. Khan.	Dr. A. Abdulraheem	Saudi Arabia
56	A review on two-phase upscaling.	R. Lenormand	R. Lenormand	France
57	Non-destructive geochemical analysis of sorbed petroleum in slabbed cores using the IFE Hydrocarbon core scanner: A case study from the Norwegian North Sea.	Kihle, J., Berry, J., Oeygard, K., Johansen, H.	Jan Kihle	Norway
58	Dimensionless correlation for predicting the filtration of fracturing/ drilling fluids from formation face.	Dr. Anuj Gupta; Balakrishna Gadiyar; Walid Naddaf	Dr. Anuj Gupta	USA
59	<i>Withdrawn</i>	<i>Withdrawn</i>	<i>Withdrawn</i>	<i>Withdrawn</i>
60	Pore-scale studies of mobilization and recovery of oil by waterflooding.	M. S. Talukdar, M. Semere and O. Torsaeter	Md. Saifullah Talukdar	Norway
61	Characterization of mass transfer from matrix to fractures using imbibition tests.	Dr. Anuj Gupta; Ella-Maria Llanos	Dr. Anuj Gupta	USA
62	Use of TDT to monitor gas saturation in heterogeneous reservoir.	Hamada, G.M. and Al-Awad, M.N.J.	Hamada, G.M.	Saudi Arabia
63	Weak inertia flow in rough fractures.	Trygve Kløv, Erik Skjetne, and Jon Steinar Gudmundsson	Trygve Kløv	Norway
64	Why do wells produce only half of the oil in place?	Dr. Saad F. Alkafeef	Dr. Saad F. Alkafeef	Kuwait
65	Increasing pore pressure above initial reservoir pressure – effect on caprock and drainage characteristics.	Yahia Mahmoud, Rolf K. Bratli, Mohsen Porjavad and Knut E. Bratli	Rolf K. Bratli	UAE