

Message from the President

by *Dan Maloney*

Dear Colleagues,

Attendees of the 2003 SCA Symposium in Pau France will agree that it was a great success. I was thrilled to see the huge banner hanging over the entrance to the Palais Beaumont, proclaiming for all to see that this was the 2003 Symposium of the Society of Core Analysts. This large public display underscored the importance of our work and the significance of the event. To all who participated in the workshop, presented papers and posters, and led the field trip, the SCA offers thanks. Needless to say, we couldn't do it without you! Congratulations to Past President Xu-Dong Jing; Jean-François, Cathy and the organizing committee; Olga and the technical committee; Stayc and many others who worked behind the scenes to organize, conduct, and sponsor the event. Well done!

The workshop inspired us to think about issues related to CO₂ injection and contributions we can make in future projects. Technical exchange at the Symposium was interesting and informative. The ambitious number of poster presentations significantly increased the volume of information conveyed. There were ample opportunities to network and meet others who share similar goals and objectives. French hospitality was warm and friendly. Much was learned during the field trip. Who would have thought that gas could still be trapped in rock just a few microns away from the exposed

surface? The countryside in and around the Pyrenees was a sight to see, as shown by the picture of me taken by Avrami Grader during the field trip.

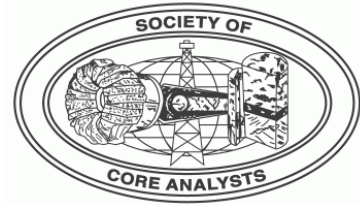


Photo 1 - Dan Maloney

The hills were alive with the sound of music - from the ringing of bells on grazing cattle. How about our fearless bus drivers? While enjoying an aperitif under shade trees during a break from our geologic exploration, many were heard to comment, "Yes, this is the life..." The Symposium was rich in experience and memories.

For those of you who haven't attended an SCA Symposium, I encourage you to make plans to do so. It is particularly useful to meet authors, listen to discussion, and gain additional insight. Typically an oral presentation has a tighter focus than a manuscript, and provides supplementary

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details on key points beyond what is written. We are all aware of the value of networking. The people you meet at an SCA Symposium may be your future clients, future partners, or future co-workers. Take full advantage of your SCA membership by attending SCA Symposia!



Photo 2 - Shell participants at SCA 2003 ready to go on the fieldtrip (Jos Maas is on the bus already).

Now we look forward with anticipation to our 2004 Symposium in Abu Dhabi. This will be one that you won't want to miss! The local organizing committee led by Waddah Al-Hanai, Vice President of Arrangements, is doing a phenomenal job in planning every detail to ensure that this will be an outstanding event. Bob Smits, Vice President of Technology, has organized the technical committee and issued the call for abstracts. Details about the 2004 Symposium are provided elsewhere in this SCANews and on the SCA website at www.SCAweb.org. Please do your part by submitting an abstract and by encouraging others within your organization to do so before the abstract due date.

Objectives of our Board of Directors during 2004 include increasing value of SCA membership. Directors have been challenged to conduct regional gatherings like the luncheons we held in the early days of the Society. Contact your regional director to ask how you can help. Contact information is listed on the SCA website. Several additional initiatives will be described in the next SCANews issue. Do you have ideas about how to further the aims of the Society of Core Analysts? Feel free to send me an e-mail with your ideas.

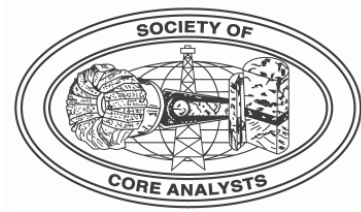
With best regards,
Dan Maloney
SCA President

Getting to Know Your President

Our membership is literally spread across the globe. Communication is improved when we know a little about each other. Who are you? Where did you come from? How did you get there? What are your interests? The intent of this column is to become more familiar with various members of our group. In this issue, we will start with Dan Maloney, SCA President.

Dan was born in Chicago, Illinois. As a youth living in Virginia, Dan occasionally dug tunnels for fun. During High School in Bartlesville Oklahoma, Dan found that he had aptitude in math and science. Upon graduation, he attended Colorado School of Mines in pursuit of a degree in engineering. Petroleum engineering was assumed as the major of study. Maybe because of the early days of tunneling, when Dan declared his major, it was mining engineering. Work experiences during college included a summer in Tasmania working with engineers in a large underground tin mine, tunneling at CSM's experimental mine, and work as a technical contractor for the U.S. Department

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of Energy (DOE) at their Bartlesville Energy Technology Center.

Dan graduated from Mines with a BS in mining engineering in 1981. His first full time job was in an underground coal mine in Bokoshe Oklahoma. Although the mine was in early development with a projected 20-year life, the mine closed a couple of months later. Reasons included depressed markets and unsafe conditions resulting from a labor disagreement at a neighboring mine – stuff like armed guards and armed picket lines, machine gun fire at night, and other sorts of scary business.

Like many who enter the job market when jobs are scarce, Dan started work on a graduate degree and got a part time job. He enrolled at the University of Tulsa, pursuing a master of engineering degree in electrical engineering. The part time job was with the National Institute for Petroleum and Energy Research (NIPER) in Bartlesville. He got his “foot in the door” because of his knowledge of rock mechanics. The job quickly turned into a full time engineer position – not in rock mechanics, but in stimulation technology research (fracture modeling, proppant testing, and propped fracture permeability measurements). Within a few years, the master’s degree was finished, and Dan was performing special core analyses and three-phase flow research for industry and government clients. Electrical engineering knowledge was particularly useful in working with x-ray and microwave techniques for measuring core saturations.

When NIPER was closed for economic and political reasons, petroleum technology staff and equipment were relocated to facilities leased from Phillips Petroleum Company, but the future for the group from NIPER did not look particularly hopeful. Dan began

working on another graduate degree with Oklahoma State University, which he ultimately completed while working full time. In the meanwhile, Dan took a senior research engineer position with Phillips Petroleum Company in special core analysis and x-ray saturation measurement. The job change required moving from one end of the building to the other! Over the past 7 years with Phillips and now ConocoPhillips, Dan’s work has been mainly in reservoir condition live fluid special core analyses, mechanistic modeling, x-ray imaging, and technology development projects.

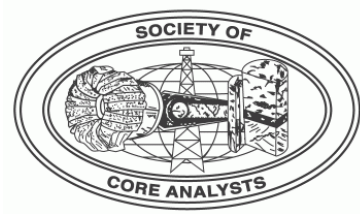
Dan has been a SCA member for about 14 years. He has served as SCANews editor, VP Publications, VP Technology, President Elect, and is currently SCA President. He has authored or co-authored 11 SCA papers.

Dan’s family includes his wife Linda and stepsons Ryan and Kevin. Dan enjoys bicycling. During the early 90’s, he toured parts of Ireland, Northern Ireland, Scotland, and Wales by bicycle. He is fond of riding in the annual Freewheel cycle tour across the State of Oklahoma. He enjoys travel. During the summer of 2003, he and his family visited friends in South Africa, saw various parts of the country, and were amazed to see the diversity of wildlife in Kruger National Park. Dan is a novice windsurfer (one has to make the best of wind in Oklahoma), and enjoys other types of outdoor recreation. He plays Irish whistles with a group of acoustic musicians weekly, and aspires at some point to learn to play the Uilleann pipes.

Beware of Scams

Many of us get bombarded with e-mails describing sad stories and the need for a partner to help move fortunes from overseas

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banks to our accounts. These messages say that riches will be rewarded for providing information so that the funds can be moved. Typically, when the victim thinks that the deal is near completion, some unforeseen emergency will arise (some sort of fee or tax) that presumably has to be paid before the money can be released. The victim is expected to show good faith by providing money to pay the fee or tax, but after doing so, the deal evaporates. There are variations to the basic approach, but the outcome is the same – the victim loses. Another scam that has recently surfaced announces that the e-mail recipient has won a large international contest and needs to make contact within a number of days to accept the prize. Needless to say, you will not be the winner if you respond to the prompt.

SCAWeb Forum

The SCAWeb Forum is an underutilized tool for discussion and learning. The official “dress code” for the message board is

“casual” –question, hypothesize, speculate, brainstorm, and answer. We can all learn from the exchange. As a challenge, consider SCA2003-17 “Experimental Results for High Flow Rates of Oil-Water Through High Permeability Media.” The authors conducted tests with high oil and brine flow rates through high permeability porous media and found that, “using a standard approach to interpret the experiments leads to a single kr curve for water but to a family of curves of oil depending upon velocities.” Needless to say, having a family of oil kr curves depending upon velocity is problematic! Read the paper, and if you have an idea of another way to interpret the data that yields a single oil kr curve, or have other insight related to effect of emulsions on relative permeability, use the SCAWeb Forum to post your comments, suggestions, and solutions. We will report what happens in the next SCANews issue.

Dan Maloney
President

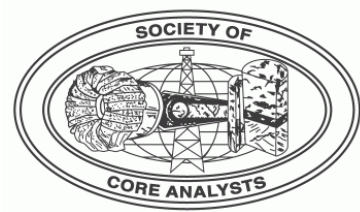
Reflections on the 2003 SCA Symposium

by ***Olga Vizika, VP Technology***

I will start this letter by reporting something that I have heard very often since last September: the 2003 SCA International Symposium was a great success from all points of view. At the crossroads between East and West, this year's Symposium gathered more than one hundred abstracts from twenty countries all over the world. New people from industry and academia attended the Symposium and presented their work, leading to a considerable increase of the total number of presentations.

The Symposium started on Monday the 21st of September 2003 with a Workshop on “Core Analysis and CO₂ Sequestration.” This subject was treated for the first time within an SCA Symposium. The objective of the workshop was mainly exploratory. CO₂ Sequestration concerns a huge thematic area going from detection and evaluation of storage sites through technical aspects of CO₂ injection and long-term effects, to economic viability and public acceptability of these projects. During the half-day workshop, our five invited speakers Jos Maas, Sylvain Thibeau, Daniel Longeron,

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Erik Lindeberg and Sevket Durucan gave us a very concise idea of the reflection and action level of the main actors in the area. The industry interests and the sequestration options have been reviewed, and the R&D needs and challenges clearly evoked. Underground storage of CO₂ is probably the only option that relatively easily meets the different acceptability criteria. CO₂ storage in aquifers, depleted reservoirs, or carbon mines can benefit from all the know-how and technology developed within the R&D efforts related to hydrocarbon recovery. However, specific R&D is also necessary concerning the effects of CO₂ and its mixtures on the rocks at different conditions; cap rock integrity, long-term stability, and CO₂ dissolution that can lead to unexpected behaviors. As a conclusion, it was stressed that in target selection, process modeling, and optimization, specific studies are needed. "The market is huge with good business opportunities."

The other 2½ days were devoted to 10 Technical Sessions that included 38 oral-, 7 alternate/poster- and 19 poster-presentations. Monday afternoon we followed with great interest two sessions on the determination and restoration of wettability and its effects on the displacement patterns and efficiency. Monday evening we enjoyed a Basque Pelota game in the local Stadium followed by a very consistent Basque aperitif. Tuesday sessions covered topics from pore scale modeling to displacement mechanisms and in-situ saturation imaging, bringing once again in evidence the importance of micro-scale phenomena to the macro-scale behavior.

Tuesday evening, during the Dinner held in the splendid "Salle des Ambassadeurs" in the Palais Beaumont, we all congratulated

Stanley Jones who was presented this year's SCA Technical Achievement Award.

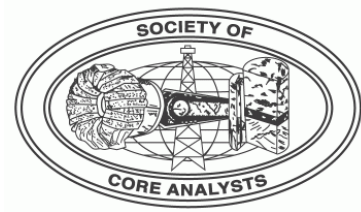
All present in Wednesday morning sessions enjoyed presentations dealing with two types of measurements related mostly to log acquisition and interpretation: NMR and resistivity measurements. The last two sessions Wednesday afternoon on case studies federated beautifully core analysis with field observations and reservoir performance predictions. The posters displayed all three days covered all topics treated also within the plenary sessions, and complemented usefully the discussions about the different subjects.



Photo 3 - Dr. Stan Jones receiving the 2003 SCA Technical Achievement Award. Left - SCA 2002-2003 President Dr. Xu-Dong Jing, Center - Dr. Stan Jones, Right - SCA US Director Yogi Vindum.

Those who managed to stay on Thursday appreciated the Geological Field Trip devoted to the North-Pyrenean petroleum system. This field trip allowed participants to investigate the geology of the Pyrennes at various levels but also to enjoy unforgettable

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landscapes under the warm sun of southern France.

The success of this Symposium is due to all the contributing actors with their long experience and practice. Workshop presenters, authors of oral and poster presentations, members of the Technical Committee and the SCA Board, session chairs, session attendees, exhibitors and the Local Organization Committee put forth considerable efforts and turned this Symposium into a memorable event. I wish to thank and congratulate them all.

I wish however to congratulate most specifically the "Best presentations" in the oral paper and the poster category. As you

know, during the Symposium, the technical committee members "score" each paper for the technical content and the presentation quality and efficiency. This task was particularly challenging this year, due to the high quality of most of the contributions. As a consequence final scores were very similar and many papers ranked close together.

We list below the "best of the best" followed by the next 4 highest "scored" contributions in each category.

Congratulations to all the authors and especially to authors of SCA 2003 -36 and SCA 2003 - 47!

Best Paper

1st SCA 2003-36 "Impact of SCAL on Carbonate Reservoirs: How Capillary Forces Can Affect Field Performance Predictions"

by S.K. Masalmeh, X.D. Jing, W. van Vark, S. Christiansen, H. van der Weerd, J. van Dorp

2nd SCA 2003-13 "Two-Phase Flow Rock-Typing: Another Approach"

by G. Hamon, M. Bennes

3rd-a SCA 2003-21 "Visualization of Three Phases in Porous Media using Micro Computed Tomography"

by F.E. Alvarado, A.S. Grader, O. Karacan, P.M. Halleck

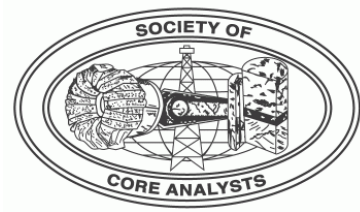
3rd-b SCA 2003-15 "Depressurization under Tertiary Conditions in the Near-wellbore Region: Experiments, Visualization and Radial Flow Simulations"

by P. Egermann, S. Banini, O. Vizika

5th SCA 2003-26 "Application of NMR Diffusion Editing as Chlorite Indicator"

by M.D. Hürlimann, A. Matteson, J.E. Massey, D.F. Allen, E.J. Fordham, F. Antonsen, H.G. Rueslåtten

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Best Poster

1st SCA 2003-47 "Focussed Ion Beam Assisted Three-dimensional Rock Imaging at Submicron Scale"

by L. Tomutsa, V. Radmilovic

2nd SCA 2003-60 "Multi-Phase Flow in the Presence of a Fracture Tip: Experiments and Modeling"

by A.F. Alajmi, A.S. Grader

3rd SCA 2003-49 "Sensitivity Studies of Fluid Flow across Water-Saturated Faults with High Entry Pressure"

by M.T. Tweheyo, E. Knudsen, O. Torsæter, J.K. Ringen

4th SCA 2003-54 "Measurement of the Formation Factor on Drill Cuttings"

by P. Egermann, J. Behot, R. Lenormand

5th SCA 2003-50 "Mapping Fracture Apertures Using Micro Computed Tomography"

by Z. Karpyn, A. Alajmi, C. Parada, A.S. Grader, P.M. Halleck, O. Karacan

In conclusion, I would like to say that my term as SCA VP of Technology has been a unique experience, demanding but also rewarding. I've had the pleasure to work with experienced and enthusiastic people and to see our efforts attaining the target.

Time is now to start preparing next year's event. Don't forget the adventure starts

always by writing an abstract and submitting it sometime in December or early January.

See you in Abu Dhabi in 2004!

Olga Vizika
VP Technology 2003

Introducing the new VP Technology

by **Bob Smits**

Bob was born in the southern part of The Netherlands ("below the rivers" as locals call it). He studied Technical Physics at the Technical University of Eindhoven where he got his PhD in physics in 1977. He then was physics teacher at a secondary school for one year. In 1978 Bob joined Shell's EP Technology laboratory (called KSEPL at that time).

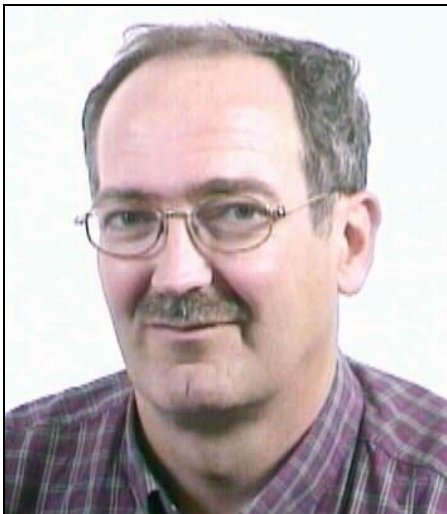


Photo 4 - Bob Smits, our new VP Technology 2003-2004

He worked in petrophysics R&D (Rijswijk & Houston) on coal petrophysics, reservoir compaction / subsidence, interfacial tension measurements, capillary pressure, pore modelling & image analysis, logging tool principles and techniques (especially resistivity log inversion), and last but not least on special core analysis. Bob then made a career move and became a section head in Rijswijk in the petrophysics department (1987-1996). Upon the

reorganisation which happened in Shell in 1996 Bob moved to the Shell Learning & Development centre (read: Training centre) in Noordwijkerhout (close to The Hague) and was Course Director Petrophysics (1996-2000). In 2000 Bob went back to Shell's EP Technology laboratory in Rijswijk (no longer called KSEPL at that time) and became teamleader of the Special Core Analysis team, which is a position he currently still holds. Although he is now partly managing the team, he still is also involved in technical work, in particular related to relative permeability and capillary pressure.

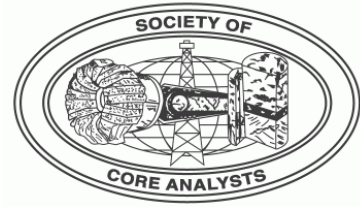
SCA 2004 - Call for Abstracts

The 2004 International Symposium of the Society of Core Analysts will be held in Abu Dhabi, United Arab Emirates (U.A.E.), 5 - 9 October 2004, in the Beach Rotana Hotel & Towers. The Theme of the Symposium is: "**Challenges in Carbonates and Solutions for Field Development**". The Symposium is co-sponsored by ADNOC and its Group of Companies. There will be an optional field trip to visit Carbonate Outcrops on Friday 8 October 2004. More info will be regularly posted on our website: www.scaweb.org. It may be useful to know that the 11th ADIPEC conference (Abu Dhabi International Petroleum Exhibition & Conference) will be held immediately after the SCA Symposium, i.e. 10 – 13 October 2004 (see www.adipec.com).

The SCA Technical Committee invites abstract submission for presentations and posters on the following topics (especially related to carbonates):

1. Case Studies - Papers that demonstrate how core analysis has reduced

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uncertainty, avoided failure, captured opportunity

2. Improved SCAL Measurement Techniques and Interpretation, incl. Flow Image Analysis, esp. for Carbonates
3. Wettability: its Determination, Restoration and Impact on Recovery, esp. in Carbonates
4. Displacement Mechanisms (Pc, kr methods and analyses for two- and three-phase flow, and EOR processes)
5. Upscaling / Integration of Field, Well Test, Log and Core Data
6. Pore Scale Phenomena and their Modeling for Prediction of Macroscopic Parameters

In addition to the main technical program, there will also be a workshop. The theme for the conference's workshop is "**Closing the Loop for Carbonates: from SCAL Project Design to Field Development**". Please start writing your abstracts and encourage your colleagues to do so, as the abstract deadline is fast approaching!

For online abstract submission, please go to the following sca web page. Only abstracts submitted using this electronic form will be considered for the conference. http://www.scaweb.org/symposium_2004_callforabstracts.shtml

Bob Smits
VP Technology

VP Arrangements Report by *Waddah Al-Hanai*

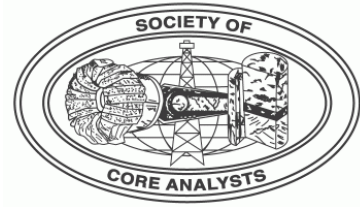
Arrangements and preparations for the Abu Dhabi 2004 SCA Symposium are underway and going on schedule. The SCA Web-site now has information relevant to the following items:

1. Symposium Preliminary Program: This shows the dates, timings and duration of the events and activities proposed for the 2004 Symposium.
2. The Venue (Beach Rotana Hotel & Towers): The Venue write-up describes the Hotel and its various facilities and services and lists the Room Categories and their respective rates. Information on Visa requirements is also included in the Venue write-up.
3. The Field Trip: The Geological Field Trip is planned to visit the Carbonate Outcrops in Ras Al-Khaimah; 260 Km east of Abu Dhabi city. The Field Trip write-up informs Participants how to

register and summarizes the Trip itinerary and the Geology of interest.

4. A write-up on the SCAL Course (on October 5) has also been prepared and is now posted in the SCA Web-site. It's worth mentioning here that the SCAL Course has been donated by SHELL Abu Dhabi to the young professionals working in ADNOC and its Group of Companies and to the National Oil/Gas companies in the Persian Gulf Region. The course is limited to ~30 participants, and will be conducted on October 5, side-by-side with the Workshop. The Abu Dhabi LOC would like to express its gratitude to SHELL Abu Dhabi for their SCAL Course donation.
5. Letters from the Local Organizing Committee Honorary Chairman of the 2004 SCA Symposium addressed to the local (UAE) and Regional (Middle East)

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Petroleum Industry companies and Academic Institutions have been dispatched. The letters advise those organizations of the arrangements made to host the 2004 SCA Int'l Symposium in Abu Dhabi and invite those organizations

to participate at the event through Technical Papers and/or through sending attendees.

Waddah Al-Hanai
VP Arrangements

South East Asia Director Report

by **Dave Bowen**

SPWLA and SCA Chapter Inaugurated in Indonesia

On Thursday April 10th at 18:00 hours, the inaugural meeting of the "The Formation Evaluation Society of Indonesia" was eventually held in the Jakarta Hilton Hotel.

In September 2002, a group of individuals came together with a view to furthering the aims of the SPWLA, SCA and formation evaluation technology, in all its forms. Due to the Bali bombing, various other incidents and concerns, there was a period of time when congregation of westerners in public places was strongly advised against. Eventually we were able to come together in April and at that meeting the attendees elected officers and agreed the adoption of the draft constitution, utilizing the recommended draft from The SPWLA. Issues such as the actual name of the society and annual membership fees were discussed at this meeting and the majority voted for the name "The Formation Evaluation Society of Indonesia"

Since the first meeting, under the auspices of our VP Program, Dave Smith, we have held a number of technical meetings. These included Bob Truman's (Baker Atlas) Porosity Presentation: "Porosity in Rocks Containing Clay-Effective or Total?" and "Petrophysical Evaluation of a Fine-Grained,

Glauconitic Sandstone Reservoir with MRIL Logs", by Mr. Jim Galford, Senior NMR Research and Applications Scientist for Halliburton Energy. Further technical presentations from Geoservice, Schlumberger and CoreLabs are coming soon.

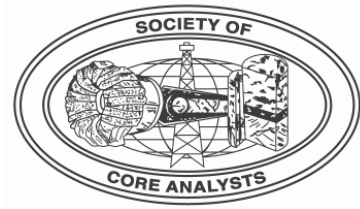
In addition to the technical program, business Meetings have taken place monthly and the society has established accounts and goals for the officers.

We plan a one-day seminar in the New Year, in March on the topic of core-log integration, at which the SCA will be promoted. We also plan to have our full 2004 technical program published later this month.

Attendance at meetings has been good with between 28 and 35 people. We are also recruiting on behalf of the society and currently have 68 members and student members. Many of the latter were signed up at the annual IPA conference by Baker Atlas, CoreLab, Halliburton and Schlumberger, all of whom prominently displayed membership forms on our behalf.

Communication paths have been opened with FESWA (West Australia), FESQ (Queensland, Australia) and Randal Cooper, as SPWLA Regional Director, with a view to

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coordinating visiting speakers so that all societies may benefit. In addition to this, in February 2003, The President made a presentation to the Malaysian section in KL, on saturation height functions and Pc, and plans to address the FESWA section in February 2004 on a topical issue in core analysis.

Officers have been very good on the whole. We benefited greatly from the considerable wealth of SPWLA experience in Cliff Martin, Dave Smith has been extremely proactive and our administrator, Romana Tobing, has

been very busy. It was a great help that Olivier Konig took up the financial reins, but we have been singularly unlucky with a VP membership, having had two volunteers transferred out of country almost as soon as they took the position. Bob Shearer has helped with a great deal of prior experience. As Regional Director SEA for the Society of Core Analysts as well as FESI President, I plan to develop the goals of both the SCA and the SPWLA in concert.

Dave Bowen
South East Asia Director

Middle East Director Report by ***Waddah Al-Hanai***

Following is information regarding the Abu Dhabi SPWLA Chapter:

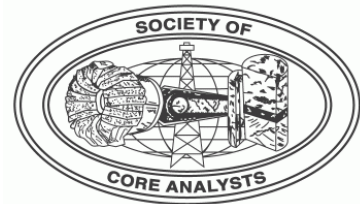
- After just one year of its official establishment, the Abu Dhabi Local SPWLA Chapter now has 127 members, representing the whole spectrum of the Oil/Gas Industry of Abu Dhabi
- The first meeting of the Abu Dhabi Local SPWLA Chapter for the 2003-2004 Season was on Sept. 29. It was attended by 58 people. Mr. Ian Hunt (Baker Atlas) and Mr. Neil Bird (Baker Inteq) gave a technical presentation on "Depth Control and Well Positioning". Baker Atlas sponsored the meeting and the consequent Buffet Dinner
- The second meeting was on Monday, Oct. 20, and was attended by 42. The event was sponsored by Schlumberger. Mr. Mario Petricola (Schlumberger) gave a technical presentation on "Low-Resistivity Pay in Carbonates"
- The third meeting was held on Monday, Dec.8, and was attended by 39. Mr. Adam Moss (ResLab) and Mr. Simon

Stromberg (Reservoir Management Ltd.) gave a joint presentation on "Understanding NMR Logging in Carbonate Rocks". The event was sponsored by ResLab.

- An SPE ATW (Applied Technology Workshop), entitled "Challenging Reservoirs – Providing the Petrophysical Solution", was held in Dubai (UAE) over Nov. 30 – Dec. 3. The event with such a purely Petrophysical title was a first in the Middle East Region. It followed the official opening in September 2003 of an independent SPE Office for the Middle East Region. The SPE selected Dubai for their Middle East Office. Due to the success of the SPE ATW, both SPE and the SPWLA are now considering organizing similar events in the Middle East focused on Petrophysical issues.

Waddah Al-Hanai
VP Arrangements and Middle East Director

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Note from the VP Membership

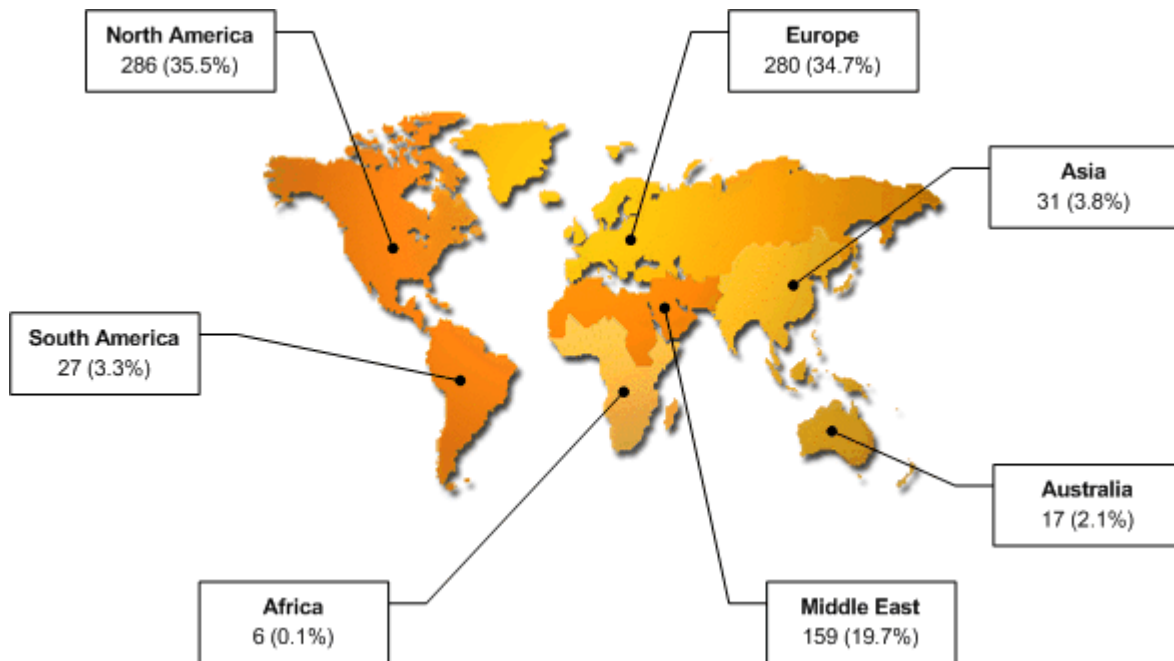
by *Bas Schipper*

When visiting the membership database at the SCA website you will find the following Information:

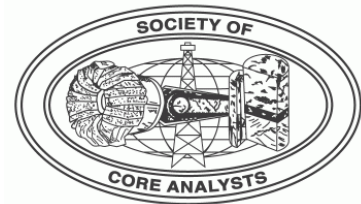
Database information

Total # of records:	806
Last updated:	Sun Dec 7 21:19:43 2003

The total number of records are the members that have paid their membership fee for the current year but also include members that have paid their fees for 2002 but not (yet) for 2003. Reviewing the 806 members listed in the membership database shows that the geographical distribution is weighted in favour of North America and Western Europe:



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However from the active member count per region as given in the table below, it shows that the Middle East region membership has increased the last few years. The table also shows that the other active hydrocarbon regions are barely represented.

Region	August 2001	August 2002	August 2003	December 2003	2001-2003 period
Africa	1	3	6	6	+ 5
Asia	21	24	27	31	+ 10
Australia	18	17	17	17	- 1
Europe	228	242	257	280	+ 52
Middle East	98	170	155	159	+ 161
North America	285	254	280	286	+ 1
South America	26	24	26	27	+ 1
	677	734	768	806	+ 129

The member distribution per country is as follows:

Country	Members	Country	Members
USA	261	Iran	3
United Arab Emirates	129	Mexico	3
United Kingdom	96	Qatar	3
Norway	58	India	2
France	41	Kuwait	2
Netherlands	26	Malaysia	2
Canada	25	Poland	2
Russia	21	Turkey	2
Australia	17	Argentina	1
Saudi Arabia	16	Bahrain	1
Venezuela	16	Brunei	1
Denmark	13	Greece	1
Japan	12	Hungary	1
Brazil	7	Israel	1
China	7	Korea	1
Germany	7	Malta	1
Indonesia	6	Nigeria	1
Egypt	5	Portugal	1
Italy	5	Spain	1
Oman	4	Swiss	1
Belgium	3		

We ask all active members to help increase the membership by directing colleagues to the SCA Website at www.scaweb.org.

Bas Schipper
VP Membership