SCANews

The SOCIETY of CORE ANALYSTS

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Vice President Arrangements, 2007

Apostolos Kantzas

Dear SCA Members,

It is with great pleasure that the Society of Core Analysts and I welcome you to the 2007 Annual Technical Symposium & Exhibition in Calgary, Alberta Canada. It is ten years since we had a SCA conference in Calgary and those of you who had been here in 1997 will not believe the growth of the city in such a short time period. For this year we have arranged for you two separate tours, one before and one after the conference. The two trips will show you some of the great natural diversity of Western Canada. The gala dinner in the Calgary Zoo promises to be a unique experience. For the accompanying persons we have prepared a list of possible destinations within the City since the two trips will cover a rich sampling of the great Canadian outdoors.

The theme of the conference is ***"Core Analysis for Improved Petrophysical Appraisals"***. The technical committee has done a great job to assemble a collection of excellent papers and posters and I am confident that there will be plenty of opportunity for stimulating discussions. The workshop theme is ***"Effects of stress on cores and core analysis on heavy oil analysis"*** will include a tour of the Alberta Energy and Utilities Board Core Storage Facility. A selection of core from Alberta Formations will be included.

I would like to extend my gratitude to our sponsors for their generous donations, our exhibitors who undertook the effort to bring us the latest in core analysis technology. I also want to express my deepest gratitude to my one-person local organizing committee, Brenda Sauers, who managed to handle all the organizational details especially in my absence. Finally, I would like to thank Stayc for the endless corrections to my fumbles.

I hope that you will all enjoy the 2007 SCA Symposium and I wish you all welcome to Calgary.

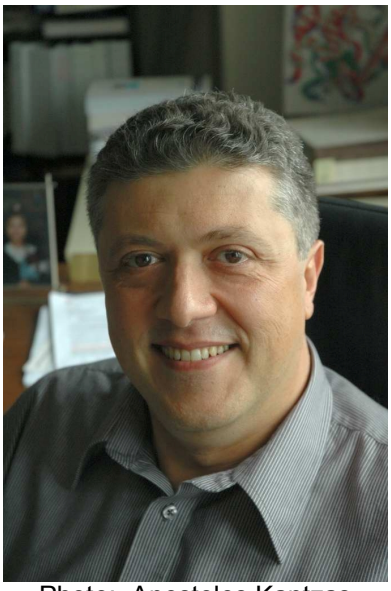


Photo: Apostolos Kantzas
VP Arrangements

2007 Darcy Award for Technical Achievement

Gerald Hamon is currently expert for Petrophysics with TOTAL. He graduated from Institut National des Sciences Appliquées de Lyon (France) in 1976 with a degree in civil engineering. After an exciting two years period in Senegal, where he was involved in two-phase flow characterisation of soils in very remote villages, he earned his PhD in Fluid Mechanics in 1980 from the Institut National Polytechnique de Grenoble (France). Gerald joined ELF in 1980 as a research engineer in the Core Analysis group. From 1986 to 1995, he worked in a variety of senior technical positions, including field development in the North Sea, and special expertise in the evaluation and numerical simulation of naturally fractured reservoirs. In his current position, he is actively involved in working with TOTAL's assets to design and implement data acquisition programs as well as in reviewing data related to formation evaluation and recovery processes for reserves evaluation. Gerald is also leading or supervising several research projects in enhanced oil recovery and formation evaluation.

He has served as a member of the SCA technical committee since 1997. He authored or co-authored thirty-five SCA, SPE and IOR conference papers on the subjects of recovery mechanisms and numerical simulation of naturally fractured reservoirs, characterization and SCAL analysis of heterogeneous or tight samples, two-phase rock-typing, gas trapping, depressurisation of near critical and heavy oils, three phase flow, field wide wettability variations, application of pore network modelling to two-phase flow simulation. Gerald co-supervised seven PhD students to date and teaches courses on formation evaluation and recovery processes in TOTAL as well as in several universities in France.

Photo: Gerald Hamon

Update on the SCA2007 Technical Sessions from the VP Technology

by ***David Potter***

The detailed Technical Programme for the Symposium this year (10th -12th September) can be found in this issue of *SCA News* and on the SCA website. The programme includes 36 oral presentations (3 alternate oral presentations) in 10 sessions covering 7 different general subject areas: wettability, improved SCAL techniques and interpretation, displacement mechanisms, pore scale modeling, improved oil recovery, case studies, and a session for "other" topics. A reminder that the Symposium theme is **"Core Analysis for Improved Petrophysical Appraisals."** In addition to the oral sessions there will be 2 poster sessions comprising 21 poster presentations. If you require any further information regarding the proposed technical sessions you can contact me at david.potter@pet.hw.ac.uk and I will do my best to answer your questions. I have also allocated more time to the two early afternoon vendor sessions, as the vendors are another important part of the

Symposium. On the day following the Symposium (13th September) we will be having a Workshop, with a number of invited speakers, where we will be discussing the effects of stress on cores and core analysis of heavy oil sands. The Workshop will include a visit in the afternoon to the AEUB core storage facility.

I thank the 33 members of the SCA 2007 International Technical Committee for all their hard work and support over several months, firstly in ranking the initial 83 submitted abstracts, and subsequently reviewing the draft and final manuscripts. This has been a huge undertaking and the Technical Committee members still have two more important tasks to perform: chairing the oral and poster sessions, and evaluating the oral and poster presentations. I also thank all the authors, for without their papers there would be no Symposium or Proceedings volume and CD.

I look forward to a fruitful Symposium and to seeing you all in Calgary.

SCA2007 Technical Committee:

David Potter (Chairman)	Heriot-Watt University
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
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

SYMPOSIUM PREVIEW

MONDAY, 10 September 2007

8:00 – 9:45 Session 1 – Wettability Determination / Restoration
Chairs: T. Fate and J. Buckley

SCA2007-01 WETTABILITY ALTERATION OF CHALK BY SULPHATE CONTAINING WATER, MONITORED BY CONTACT ANGLE MEASUREMENT, L. Yu, D. C. Standnes and S. M. Skjæveland

SCA2007-02 WETTABILITY CHARACTERIZATION BY NMR T_2 MEASUREMENTS IN EDWARDS LIMESTONE ROCK, E.B. Johannesen, H. Riskedal, L. Tipura, J.J. Howard and A. Graue

SCA2007-03 WETTABILITY RESTORATION IN CORES CONTAMINATED BY FATTY ACID EMULSIFIERS, H. A. Kelleher, E. M. Braun, B. E. Milligan and R. C. Glotzbach

SCA2007-04 WETTABILITY CHARACTERIZATION AND NON-INVASIVE MONITORING OF THE EFFECT OF CRUDE OIL TREATMENT ON CAP-ROCK SHALE MINERALS, B. Clennell, A. Borysenko, D. Dewhurst, R.Sedev, J. Ralston, K. Liu and I. Wark

09:45 – 10.15 ***Break in Exhibit Area***

10:15 – 12:00 Session 2 – Improved SCAL Techniques and Interpretation I
Chairs: J. Shafer and J. K. Ringen

SCA2007-05 CLAY TYPING - SENSITIVE QUANTIFICATION AND ANISOTROPY IN SYNTHETIC AND NATURAL RESERVOIR SAMPLES USING MAGNETIC SUSCEPTIBILITY FOR IMPROVED PETROPHYSICAL APPRAISALS, D. K. Potter and O. P. Ivakhnenko

SCA2007-06 A NONDESTRUCTIVE METHOD FOR CHARACTERIZATION OF ONE DIMENSIONAL PERMEABILITY DISTRIBUTION AT THE CORE SCALE, A. Soltani, M. Le Ravalec-Dupin, M. Fourar and P. Egermann

SCA2007-07 LOW PERMEABILITY MEASUREMENTS USING STEADY-STATE AND TRANSIENT METHODS, P. Carles, P. Egermann, R. Lenormand and J. M. Lombard

SCA2007-08 A DETAILED ANALYSIS OF PERMEABILITY AND KLINKENBERG COEFFICIENT ESTIMATION FROM UNSTEADY-STATE PULSE-DECAY OR DRAW-DOWN EXPERIMENTS, Y. Jannot, D. Lasseux, G. Vizé and G. Hamon

12:00 -13:00 ***Lunch***

13:00 - !3:45 ***Vendor Presentations I***

13:45 – 15:30 Session 3 – Displacement Mechanisms I
Chairs: D. Maloney and R. Smits

SCA2007-09 WETTABILITY IMPACT ON CO_2 STORAGE IN AQUIFERS: VISUALISATION AND QUANTIFICATION USING MICROMODEL TESTS, PORE NETWORK MODEL AND RESERVOIR SIMULATIONS, C. Chalbaud, M. Robin, S. Bekri and P. Egermann

SCA2007-10 RELATIVE TRANSPORT: EXPERIMENTS AND PORE-NETWORK MODELLING, L. Algive, S. Bekri, M. Robin, O. Vizika

SCA2007-11 ACCEPTABLE WATER-OIL AND GAS-OIL RELATIVE PERMEABILITY MEASUREMENTS FOR USE IN RESERVOIR SIMULATION MODELS, Z. Kalam, T. Obeida and A. Al Masaabi

SCA2007-12 VISUALIZING FLUID FLOW WITH MRI IN OIL-WET FRACTURED CARBONATE ROCK, M. A. Fernø, G. Ersland, A. Haugen, A. Graue, J. Stevens and J. J. Howard

15:30 – 16:00 ***Break in Exhibit Area***

16:00 – 17:00 Session 4 – Displacement Mechanisms II
Chairs: O. Vizika-Kavvadias and M. Fourar

SCA2007-13 FLOW IN POROUS MEDIA WITH SLIP BOUNDARY CONDITION, S.Berg, A.W.Cense, J.P.Hofman and R.M.M.Smits

SCA2007-14 THE ROLE OF INTERSTITIAL WATER IN HYDROCARBON FLOW FOR TIGHT ROCKS, C. A. Grattoni, S. Al-Hinai, P. Guise and Q. Fisher

TUESDAY, 11 September 2007

8:00 – 9:45 Session 5 – Pore Scale Imaging and Modeling I
Chairs: I. Erdal and G. Hamon

SCA2007-15 PORE-LEVEL VALIDATION OF REPRESENTATIVE PORE NETWORKS OBTAINED FROM MICRO-CT IMAGES, J. Y. Arns, A. P. Sheppard, C. H. Arns, M. A. Knackstedt, A. Yelkhovsky and W. V. Pinczewski

SCA2007-16 RECONSTRUCTION OF MULTI-SCALE HETEROGENEOUS POROUS MEDIA AND THEIR FLOW PREDICTION, K. Wu, Z. Jiang, G. D. Couples, M. I. J. Van Dijke and K. S. Sorbie

SCA2007-17 QUANTITATIVE 3D CHARACTERISATION OF THE PORE SPACE OF REAL ROCKS : IMPROVED μ-CT RESOLUTION AND PORE EXTRACTION METHODOLOGY, S. Youssef, E. Rosenberg, N. Gland, S. Bekri and O. Vizika

SCA2007-18 PORE SCALE MODELLING OF CARBONATE RESERVOIR ROCKS, S. Bakke, S. Roth, R. J. Held and H. G. Rueslåtten

09:45 – 10.15 ***Break in Exhibit Area***

10:15 – 12:00 Session 6 – Improved SCAL Techniques and Interpretation II
Chairs: N. Morrow and J. Maas

SCA2007-19 Experimental investigation and modelling of waterflooding performance of a bioturbated carbonate formation, **I. AB-SHIEKAH, S. K. MASALMEH AND X. D. JING**

SCA2007-20 THE IMPACT OF RESERVOIR CONFINING STRESS ON NMR T2 AND PORE FREQUENCY DISTRIBUTION IN SOME CARBONATE SAMPLES, P. Mitchell, M. Niedzielak[1], I. A. Al-Hosani and M. Z. Kalam

SCA2007-21 CORING AND CORE ANALYSIS: CHALLENGES OF OFFSHORE ULTRA DEEP WATER RESERVOIRS, J. Shafer and T. Fate

SCA2007-22 EXPERIMENTAL MEASUREMENTS OF CAPILLARY PRESSURE WITH THE CENTRIFUGE TECHNIQUE – EMPHASIS ON EQUILIBRIUM TIME AND ACCURACY IN PRODUCTION, M. A. Fernø, R. Treinen and A. Graue

12:00 -13:00 ***Lunch***

13:00 - 13:45 ***Vendor Presentations II***

13:45 – 15:30 Session 7 – Improved Oil Recovery
Chairs: C. Black and X. D. Jing

SCA2007-23 INNOVATIVE CORE FLOODING TECHNOLOGY FOR HEAVY OIL RECOVERY STUDIES, J.G.C. Coenen

SCA2007-24 INVESTIGATION INTO THE MECHANISMS OF HEAVY OIL RECOVERY BY WATERFLOODING AND ALKALI-SURFACTANT FLOODING, A. Mai., J. Bryan and A. Kantzas

SCA2007-25 MICROBIAL ENHANCED OIL RECOVERY – MECHANISM, A. Hiorth, K. Kaster, A. Lohne, O. K. Siqveland, H. Berland, N. H. Giske and A. Stavland

SCA2007-26 PERFORMANCE OF NEAR-MISCIBLE GAS AND SWAG INJECTION IN A MIXED-WET CORE, M. Sohrabi, D. H. Tehrani And M. Al-Abri

15:30 – 16:00 ***Break in Exhibit Area***

16:00 – 17:15 ***Poster Presentations I***
Chairs: A. Kantzas and W. Al Hanai

WEDNESDAY, 12 September 2007

8:00 – 9:45 Session 8 – Case Studies
Chairs: D. Ruth and M. Knackstedt

SCA2007-27 CORE PETROPHYSICAL SYNTHESIS CARRIED OUT AT A SCALE OF A BASIN, SOME EXAMPLES FROM TERTIARY OFFSHORE RESERVOIRS, M. Bennes and G. Hamon

SCA2007-28 APPLICATION OF OIL-WATER KR/PC UPSCALING METHODOLOGY BASED ON PORE-TYPE RATIOS, K. Oseto, O. Himeno, M. Watanabe and T. Nakashima

SCA2007-29 LOW SALINITY WATERFLOODING OF A RESERVOIR ROCK, N. Loahardjo, X. Xie, P. Yin, and N. R. Morrow

SCA2007-30 COMPARISON STUDY OF CAPILLARY PRESSURE CURVES OBTAINED USING TRADITIONAL CENTRIFUGE AND MAGNETIC RESONANCE IMAGING TECHNIQUES, D. P. Green, J. R. Dick, J. Gardner, B. J. Balcom and B. Zhou

09:45 – 10.15 ***Break in Exhibit Area***

10:15 – 12:00 ***Poster Presentations II***
Chairs: G. Potter and T. Braun

12:00 – 13.30 ***Business Lunch***

13:30 – 15:15 Session 9 – Pore Scale Imaging and Modeling II
Chairs: S. K. Masalmeh and L. Cuiec

SCA2007-31 THE USE OF PORE SCALE MODELING TO PREDICT RESERVOIR PARAMETERS FROM DRILL CUTTINGS, A. Mock, P.-E. Øren, H. Rueslåtten, E. Rein and Sverre Henriksen

SCA2007-32 INVESTIGATION OF GRAVITATIONAL EFFECTS IN SOLUTION GAS DRIVE VIA PORE NETWORK MODELLING: RESULTS FROM NOVEL CORE-SCALE SIMULATIONS, I. Bondino, G. Hamon, J. Long And S. R. Mcdougall

SCA2007-33 PORE SCALE ANALYSIS OF ELECTRICAL RESISTIVITY IN COMPLEX CORE MATERIAL, M. A. Knackstedt, C. H. Arns, A. P. Sheppard, T. J. Senden, R. M. Sok, Y. Cinar, A. O. Olafuyi, W. V. Pinczewski , G. Padhy and M. Ioannidis

SCA2007-34 EFFECT OF THE PORE STRUCTURE ON RESISTIVITY INDEX CURVES, M. Han, M. Fleury and P. Levitz

15:15 – 15:45 ***Break in Exhibit Area***

15:45 – 16:45 Session 10 – Pore Scale Imaging and Modeling II (cont.) / Other
Chairs: D. K. Potter and J. B. Clavaud

SCA2007-35 NMR SURFACE RELAXIVITY DETERMINATION USING NMR APPARENT DIFFUSION CURVES AND BET MEASUREMENTS, M. Fleury

SCA2007-36 MEASUREMENTS OF HYDRATE FORMATION IN SANDSTONE, J.C. Stevens, B.A. Baldwin, A. Graue, G. Ersland, J. Husebø and J.J. Howard

16.45 ***End of Symposium***

ALTERNATE ORAL / POSTER PRESENTATIONS WITH FULL MANUSCRIPT

SCA2007-37 NEW METHOD TO PREPARE OUTCROP CHALK CORES FOR WETTABILITY AND OIL RECOVERY STUDIES AT LOW INITIAL WATER SATURATION, T. Puntervold, S. Strand and T. Austad

SCA2007-38 CASE STUDY FOR REPRESENTATIVE WATER SATURATION FROM LABORATORY TO LOGS AND THE EFFECT OF PORE GEOMETRY ON CAPILLARITY, M. Dernaika, M. S. Efnik, M. S. Koronful, M. Al Mansoori, H. Hafez And M. Z. Kalam

SCA2007-39 DIELECTRIC AND COMBINED NMR/CAPILLARY PRESSURE METHODS FOR MONITORING LIQUID/AIR AND LIQUID/LIQUID INTERFACE EVOLUTION: APPLICATION TO ROCK AND MINERAL WETTABILITY STUDIES, B. Clennell, A. Borysenko, I. Burgar, R. Sedev and J. Ralston

POSTER PRESENTATIONS WITH EXTENDED ABSTRACTS

SCA2007-40 ESTABLISHING MIXED WET CONDITIONS IN CHALK - EMPHASIS ON WETTABILITY ALTERATION AND OIL RECOVERY, E. B. Johannesen, A. Graue, B.A. Baldwin and D. P. Tobola

SCA2007-41 RECENT EXPERIENCE WITH UNCONSOLIDATED CORE ANALYSIS, R. Rosen, B. Mickelson, J. Fry, G. Hill, B. Knabe and M. Sharf-Aldin

SCA2007-42 PROBING THE CONNECTIVITY BETWEEN PORES IN ROCK CORE SAMPLES, G. H. Sørland , K. Djurhuus, H. C. Widerøe, J. R. Lien and A. Skauge

SCA2007-43 FROM A MULTI-REGION MODEL TO A MULTI-FLOW PATH MODEL: INTERPRETATION OF FLOW TESTS ON HETEROGENEOUS CORES, C. A. Aggelopoulos and C. D. Tsakiroglou

SCA2007-44 FLOW SIMULATIONS OF GEOMECHANICAL MODELS OF FAULTING, G. D. Couples, H. Lewis, J. Ma, P. Olden, G. Workman, S. Uehara and J. Quijano

SCA2007-45 THERMOGRAVIMETRIC ANALYSIS OF BARNETT SHALE SAMPLES, T. Greg Easley, R. Sigal, and C. Rai

SCA2007-46 DISPLACEMENT OF VISCOUS OIL BY POLIMERIC SOLUTION - EXPERIMENTAL EVALUATION, R. B. Z. L. Moreno; E. J. Bonet, A. T. A. Waldmann and A. L. Martins

SCA2007-47 MICROMODEL STUDY OF THE DISPLACEMENT MECHANISMS OF ENHANCED HEAVY OIL RECOVERY BY ALKALINE FLOODING, M. Dong, Q. Liu and A. Li

SCA2007-48 PHYSICAL MODEL EXPERIMENTS TO EVALUATE THE EFFECT OF WETTABILITY AND FRACTURES ON THE PERFORMANCE OF THE GAS ASSISTED GRAVITY DRAINAGE (GAGD) PROCESS, W. R. Paidin and D. N. Rao

SCA2007-49 DETERMINATION OF GRAIN SIZE DISTRIBUTION FROM NMR RELAXATION TIME USING PORE SCALE MODELING, J. Chen, M. Gladkikh, S. Chen, D. Jacobi, and H. Kwak

SCA2007-50 TRAPPING OF FINE PARTICLES IN GAPS IN POROUS MEDIA, E. Rodríguez and S. L. Bryant

SCA2007-51 SURPRISING TRENDS ON TRAPPED HYDROCARBON SATURATION WITH WETTABILITY, V. S. Suicmez, M. Piri and M. J. Blunt

SCA2007-52 EFFECTS OF SHEAR-FRACTURE DISPLACEMENT AND ORIENTATION ON FRACTURE TOPOLOGY AND ABSOLUTE PERMEABILITY, S. Al Enezi, A. Grader and P. Halleck

SCA2007-53 SEM IMAGING OF DRY AND SATURATED POROUS ROCKS FOR MODELING FLUID DISTRIBUTION ON PORE SCALE, T. Hildebrand-Habel[1], G. A. Virnovsky[2], O. I. Frette[2], I. Fjelde

SCA2007-54 PETROPHYSICS, IMAGE ANALYSIS, AND SAMPLE SIZE, C. M. Prince

SCA2007-55 NMR AND CALORIMETRY DETERMINATION OF PORE SIZE AND POROSITY, A. Fiñana, M. E. Ramia and C. A. Martín

SCA2007-56 UTILIZING SPECIAL AND CONVENTIONAL CORE ANALYSES IN RESERVOIR DEVELOPMENT AND CHARACTERIZATION OF HIGH CONTRAST CLASTIC SANDSTONE (UNAYZAH RESERVOIR, SAUDI ARABIA), T. M. Okasha

SCA2007-57 BENEFIT OF COMPLEMENTARY METHODS FOR CHARACTERIZING SANDSTONE CORES, S. Baraka-Lokmane, B. T. Ngwenya and I. G. Main

SCA2007-58 LABORATORY ASSESSMENT OF THE EFFICIENCY OF CORE PRESERVATION TECHNIQUES, J.-V. Garcia, A. Hurst and C. Taylor

SCA2007-59 HIGH-RESOLUTION CORE FLUOROSCOPY, AN IMPORTANT TOOL FOR CORE ANALYSIS, C. M. Prince

SYMPOSIUM PREVIEW- EXHIBITORS

1. Corex (UK), Ltd.
2. Corpro Systems, Ltd.
3. CYDAREX
4. Green Imaging Technology
5. INTEQ, a division of Baker Hughes
6. Kirk Petrophysics
7. Mercury Computer Systems
8. Numerical Rocks AS
9. PTS Laboratories
10. Teledyne Isco
11. Temco
12. Universal Systems
13. Vinci Technologies
14. Vindum Engineering, Inc.

from the US Director 2006-07

John Shafer

Article co-authored by: **Scott O'Beirne** (Board member of the Houston Chapter of the SPWLA)

On May 16, 2007 the Houston Chapter of SPWLA held its 9th annual spring seminar. The event was held at Chevron's office in downtown Houston. The topic for this year's seminar was ***Core Analysis and Log Data Integration*** and was proposed by SCA members. The spring seminar is an event that was established years ago to discuss topics of interest for the local petrophysical community. Previous seminars have dealt with ***Formation Pressure and Wireline Testing***, ***The Barnett Shale, Geomechanics and Permeability.*** This year's presenters were selected from those that presented at the Topical Form on "Core-Log Integration for Improved Petrophysical Analysis" that was jointly hosted by SPWLA and SCA this past March in Bend, Oregon.

This year's seminar was extremely well received. The final attendance was 127 participants and speakers. We would like to thank each and every one of our speakers for taking time out of their busy schedules to come enlighten us. These gentlemen did an outstanding job with their presentations. We also recognize and appreciate the companies that these men work for. Without their cooperation these types of events would not be possible.

E. C. Thomas, Bayou Petrophysics – ***Opening remarks and keynote address. Characterization of Shaly Sand Reservoirs: The Thrill of the Hunt***

Robert Lieber, BP – ***Rock Typing in Tight Gas Reservoirs: A Revised Workflow to Capture Reservoir Complexity***

Simon Clinch, Chevron – ***Core to Log Integration: Extracting More from the Data You Already Have***

Andy Brickell, BHP Billiton – ***Core/Log Integration for Improved Petrophysical Analysis in Thin-bedded Reservoirs***

David Herrick, Baker Inteq – ***Pore Geometric Controls of Conductivity and Permeability***

Greg Benoit, NER, Inc. – ***Optimizing Core Analysis for Improved Core/Log Integration***

John Shafer, Devon Energy – ***Upscaling Core Data to Match NMR Log Derived Permeability***

Jeff Prillman, Baker Inteq – ***High Resolution Borehole Images from LWD***

"END-POINT…"

End-point is provided by your Editor for 'miscellany'. Please feel free to send in your contributions…

This is my last issue of *SCA News* as your SCA editor, and I would like to take the opportunity of thanking all of the SCA members that have contributed articles to make *SCA News* a worthy read. I have edited *SCA News* for three years, providing three issues per year, having been elected to SCA *VP Publications* in Abu Dhabi 2004. Thankyou for electing me, I have enjoyed my time on the SCA Board. I thought after three years it was the right time to hand over the reins. It is a good opportunity, and all members are able to make nominations for Board membership, I encourage you…

Contributions for the next issue of *SCA News* will probably be required around November time for a December issue. Don't forget your vote before conference for your new SCA Editor, there are currently two nominees: ***Pat Laswell*** and ***Jules Reed***.

Regrettably, Shirley and I are unable to make Calgary in September, so I will take this opportunity to wish all our SCA friends and colleagues a good conference. I have one last joke (for those lovers of seafood):

What happened to the Lobster when he went to the disco? He pulled a mussel!

Andrew Cable
VP Publications

For advertising, rates, please contact SCA VP Publications

PANterra GEOCONSULTANTS BV

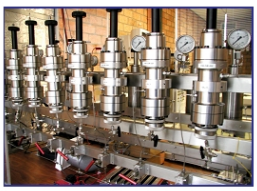
PanTerra Geoconsultants B.V. *offers a wide spectrum of geoscience and laboratory services to the international oil and gas industry. Laboratory services vary from conventional core analysis and special core analysis to PVT and production chemistry studies.*

In our special core analysis division, we have the following vacancies:

Senior Special Core Analyst (P310)

Working as a Senior Special Core Analyst you will perform all types of SCAL analyses to determine rock properties including resistivity, relative permeability, capillary pressure, acoustic velocity and wettability.

Ideal candidates for this position must have at least 5 years experience as a Special Core Analyst in the oil and gas industry and can perform all special core analyses independently.



Team Leader Special Core Analysis (P314)

Working as a Team Leader you will lead the SCAL team on a daily basis. You will be in charge of all SCAL activities and you will be PanTerra's focal point for clients interested in our SCAL services.

Ideal candidates must have at least 7 years experience as Special Core Analyst in the oil and gas industry and have good communication and interpersonal skills. We are looking for candidates interested in combining technical work with management and coaching tasks.

For more information please check our website www.panterra.nl

PanTerra offers a competitive remuneration package and the possibility to develop your skills. We emphasize teamwork, creativity and achievement in an employee-friendly and professional environment. As part of the PanTerra team you will enjoy the high living standards and the mild climate of The Netherlands. Located in the heart of Europe you are within short travel distances to a multitude of historic and cultural sites. PanTerra's office is located very close to the small picturesque city of Leiden. This city has a beautiful historic city centre, which includes canals, museums, many restaurants and shops. Leiden is only 20 minutes away from the international Schiphol airport.