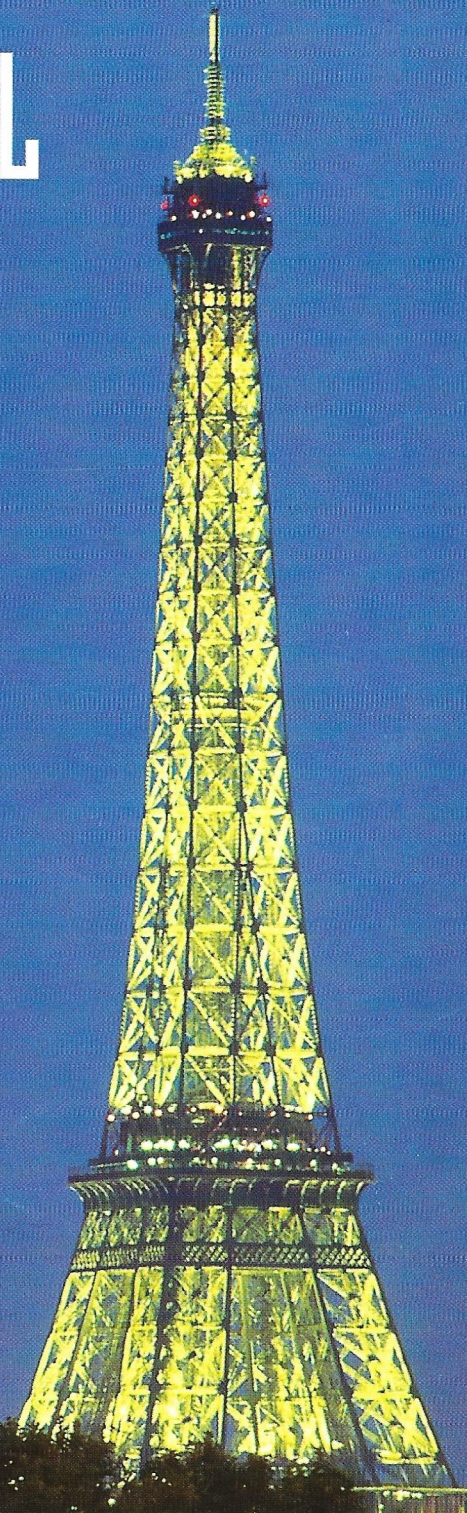
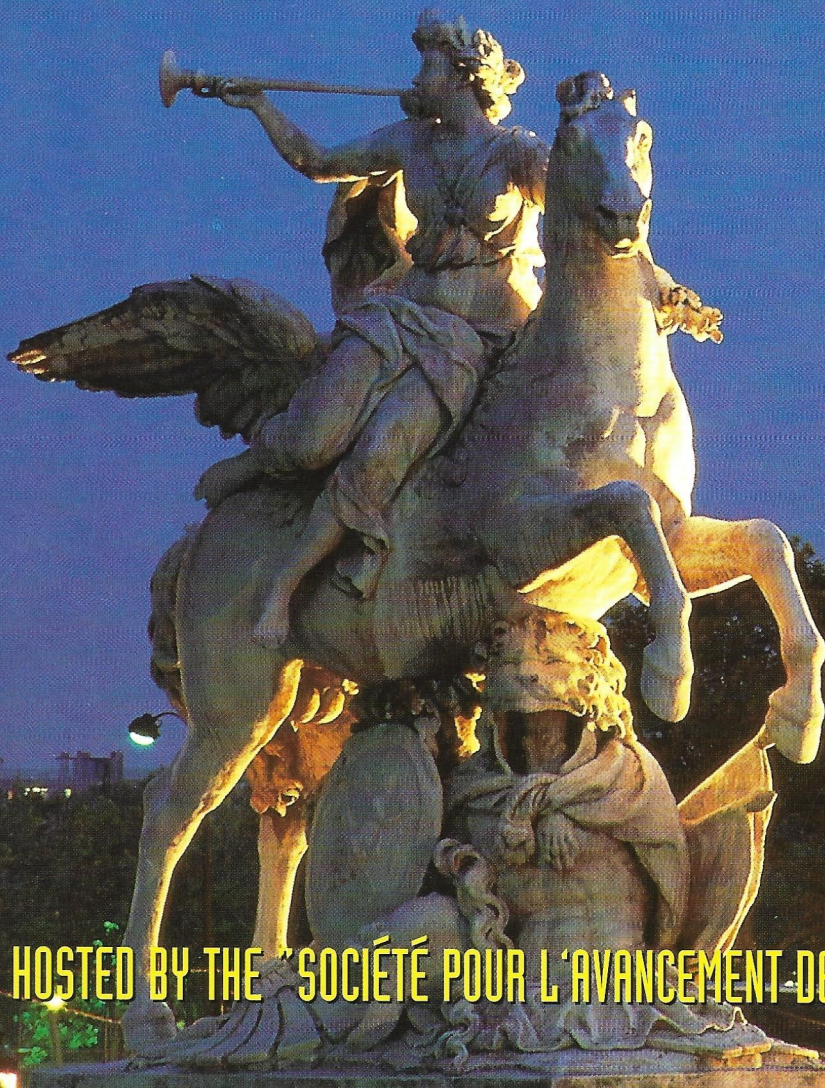


# 36th Annual Symposium SOCIETY OF PROFESSIONAL WELL LOG ANALYSTS

PARIS

June 26th - 29th 1995

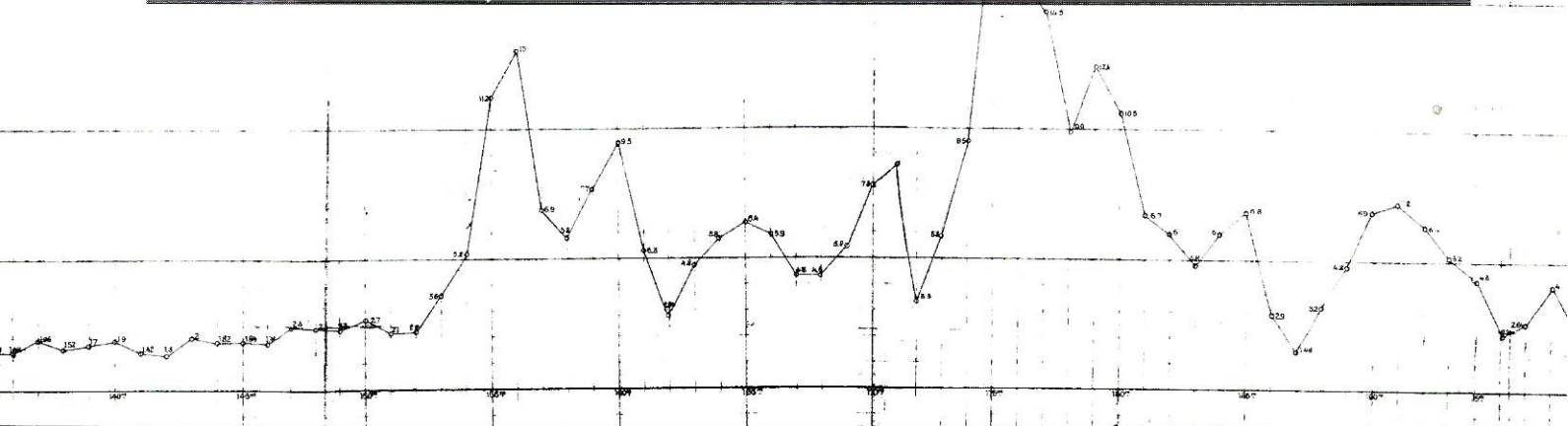


HOSTED BY THE "SOCIÉTÉ POUR L'AVANCEMENT DE L'INTERPRÉTATION DES DIAGRAPHIES"



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SPWLA  
36th Annual  
Symposium

## RETOUR AUX SOURCES

The first ever quantitative borehole resistivity measurement in an oil well was performed in Alsace (Eastern France), in Pechelbronn field, on September 5, 1927.

The team which recorded the log was composed of employees from a small company, founded in 1919 by Conrad and Marcel Schlumberger.

Conrad had been working since 1912 on methods to detect mineral ore bodies, by means of surface geophysical resistivity measurements.

For loggers the world over, this event represents a landmark. The technique, then called electrical coring, was a discovery which was to become a major contribution in the adventure of oil exploration.

From 1927 onwards rapid progress was made in borehole electrical techniques, with the advent of current focusing and the first dipmeter.

Electrical logging, as it was renamed, grew, developed and soon became a multimillion dollar industry with large corporations and affiliates the world over.

Although the first electrical log may have been run in France, the development of this technology of major importance to the Earth Sciences has been the work of specialists throughout the world.

The SPWLA is the organization federating these very specialists and indeed all those who share a common interest in logs.

We could say that by choosing Paris for its 36th Annual Symposium from June 26 to 29, 1995, the SPWLA has brought us back to the cradle of our own particular art.

And Paris is a good place to be in June! Thus the program of the Symposium has been compiled to suit everyone, with a harmonious blend of modern techniques and the splendours of the past.

Field trips can take you to Normandy and the Museum of Logging, or to Reims via the Gaz de France core library: Reims is the capital of Champagne, with its famous Gothic cathedral where French Royalty were once crowned.

The Golf Tournament is set in the enchanting landscape of the Ile-de-France countryside, and the Icebreaker on the 7th floor terrace of the Palais des Congrès offers the chance to relax on a June evening.

The Tuesday evening cruise down the Seine will be a memorable event, as the boat floats down the river, floodlighting the buildings on both banks as it passes.

Come to Paris, and bring your family. Take this opportunity to meet colleagues, update your logging know-how and discover France and Europe too.

If you register early you will be sure of getting the hotel of your choice, plus other benefits.

The organizing committee is making all the preparations to ensure that you get the best of French welcomes.

Hoping to see you soon,  
G.PAGES, Chairman

First log, recorded by Henri DOLL,  
Roger JOST and Charles SCHEIBLI

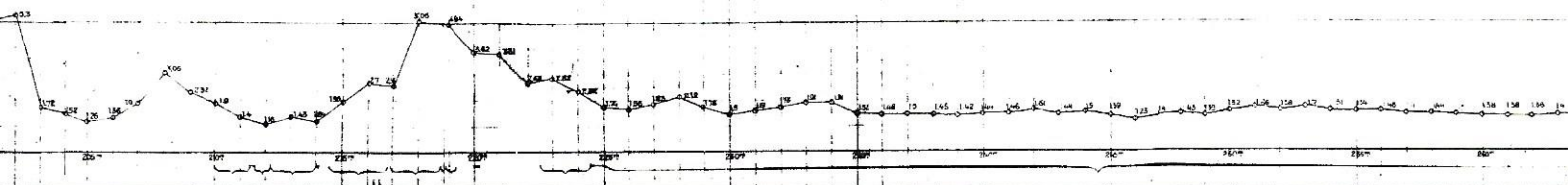
PECHELBRONN Le 5 Septembre 1927

CAROTTAGE ELECTRIQUE SUR LE SONDAGE DE DIEFENBACH

Echelles: en abscisses, profondeurs en mètres; en ordonnées, résistivité en ohm mètre/mètre carré

Measures per foot (1 ft = 0.3048 m)

Sonde: A... KL = 752



# CALENDAR OF EVENTS

## MONDAY, JUNE 26

7:30 - 17:30	Golf Tournament	La Queue lez Yvelines
7:30 - 18:00	Normandy Fieldtrip	Leave from the Palais des Congrès
7:30 - 17:30	Champagne Fieldtrip	Level 5, Neuilly Side
8:00 - 9:30	Workshop Registration	Room 63A
8:30 - 17:30	Russian Log Interpretation Workshop	Room 65
9:00 - 15:00	NMR Short Course	Room 510-512
14:00 - 18:00	SPWLA Board Meeting	Room 509-511
14:00 - 18:00	Slide Center	Level 5, Neuilly Side
15:00 - 19:00	Registration	Concorde Lounge, Level 7
18:30 - 20:30	Icebreaker	

## TUESDAY, JUNE 27

7:00 - 8:00	Speakers' Breakfast	Concorde Lounge, Level 7
7:30 - 18:00	Registration	Level 5, Neuilly Side
8:00 - 18:00	Exhibits	Level 5
8:00 - 17:00	Slide Center	Room 509-511
8:00 - 18:00	Spouse Lounge	Room 502-504
8:30 - 09:30	Opening Session	Blue Room
9:30 - 12:15	Morning Technical Session	Blue Room
12:15 - 14:00	SPWLA Business Lunch	Concorde Lounge, Level 7
14:00 - 17:45	Afternoon Technical Session	Blue Room
20:00 - 22:00	Cruise on the Seine	✓ Pont de l'Alma

## WEDNESDAY, JUNE 28

7:00 - 8:00	Speakers' Breakfast	Concorde Lounge, Level 7
7:30 - 18:00	Registration	Level 5, Neuilly Side
8:00 - 18:00	Exhibits	Level 5
8:00 - 17:00	Slide Center	Room 509-511
8:00 - 18:00	Spouse Lounge	Room 502-504
8:00 - 18:00	Poster Display	Corridors
8:30 - 12:05	Morning Technical Session	Blue Room
12:45 - 13:30	Poster Authors Present	Corridors
12:05 - 13:30	Lunch	Concorde Lounge, Level 7
12:05 - 13:30	Chapter Presidents' Lunch	Concorde Lounge, Level 7
13:30 - 17:15	Afternoon Technical Session	Blue Room
17:15 - 18:00	Poster Authors Present	Corridors
18:30 - 20:00	Cocktail Party	Concorde Lounge
20:00 - 22:00	Awards Banquet "Diner à la Française"	Concorde Lounge

## THURSDAY, JUNE 29

7:00 - 8:00	Speakers' Breakfast	Concorde Lounge, Level 7
7:30 - 12:00	Registration	Level 5, Neuilly Side
8:00 - 14:00	Exhibits	Level 5
8:00 - 15:00	Slide Center	Room 509-511
8:00 - 18:00	Spouse Lounge	Room 502-504
8:30 - 12:05	Morning Technical Session	Blue Room
12:05 - 13:30	Lunch	Concorde Lounge, Level 7
12:05 - 13:30	Past Presidents' Lunch	Concorde Lounge, Level 7
13:30 - 17:15	Afternoon Technical Session	Blue Room
17:15 - 20:00	SPWLA Board Meeting	Room 510-512

## FRIDAY, JUNE 30

09h00 - 16h00	Quantitative Surface Logging Workshop	Room 63A
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## RUSSIAN LOG INTERPRETATION WORKSHOP

**Monday June 26, 1995**  
**8:30 to 17:30**

**Co-Chairmen :**  
**Dr. Nicolay A. Savostyanov**, President of EAGO  
**Claude Boyeldieu**, V.P. Technology SAID

The Russian Log Interpretation Workshop will offer 12 presentations prepared by eminent Russian log specialists, scientists, scholars and academicians. More than 25 individuals have participated in the preparation of the papers and this workshop. The purpose is to present various aspects of Russian log interpretation approach, logging technology and new ideas about the use of log data. Sufficient time is allowed for questions between the presentations and one hour will be devoted at the end of the session for an open discussion with our Russian colleagues.

Fee : FF 350 Symposium registrants;  
FF 700 non-registrants.

## NMR SHORT COURSE

**Monday June 26, 1995**  
**9:00 to 15:00**

**Coordinator :**  
**D. Georgi**, Atlas Wireline Services  
**Lecturers :**  
**H. Vinegar**, Shell, **R. Kleinberg**, Schlumberger,  
**D. Mardon**, Numar, **C. Morriss**, Schlumberger,  
**D. Georgi**, Atlas, **Rick Chandler**, Numar,  
**George Coates**, Numar, **Craig Phillips**, Atlas

This course is intended for petrophysicists and log analysts who are unfamiliar with the basics of the new, exciting NMR logging. The introduction of NMR logging is as revolutionary as gamma-gamma density porosity was in the 60's and will permanently change formation evaluation.

The course will provide the participant with an understanding of fundamental NMR physics of Nuclear Magnetic Resonance Logging, associated petrophysics, data processing and log interpretation. The participant will become conversant with the extensive NMR vocabulary. The NMR log interpretation will be illustrated with examples.

Fee : FF 450 Symposium registrants;  
FF 900 non-registrants.



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## QUANTITATIVE SURFACE LOGGING WORKSHOP

**Friday June 30, 1995**  
**9:00 to 16:00**

**Patrick DeLaune**, Texaco  
**Alan Mitchell**, Elf  
**Oswaldo Pascolini**, Agip  
**Michael Taylor**, Baker Hughes, INTEQ .

Mud logging is traditionally considered as qualitative only, to be superseded as soon as FE-MWD and wireline logs are available. In reality, all aspects of mud logging can be made quantitative, when both vendor and operator appreciate the strengths and weaknesses of the technology being used. This one day workshop will cover current and projected future state-of-the-art in quantitative methods, including field examples from Europe and North America.

Topics to be covered include :  
- Improved Drilling Depth and Drill Rate  
- Improved Mud Gas Logging  
- Quantitative Fluorescence  
- Quantitative Cuttings Analysis  
- Integrated Formation Evaluation

This workshop will cater to geologists, petrophysicists, reservoir engineers and the drilling community. Interactive discussions will further address the future role of quantitative surface logging in formation evaluation applications.

Fee : FF 300 Symposium registrants;  
FF 600 non-registrants.

### SPEAKER INFORMATION

#### SPEAKERS' BREAKFAST

*All Speakers, Poster Authors and Session Co-Chairmen are invited to attend a complimentary speakers' breakfast on the morning of their session. Breakfast begins at : 7:00 Tuesday through Thursday. Details in the final program.*

#### SLIDE CENTER

*A slide center will be at the Speakers' disposal to view their slides throughout the Symposium. It will open on Monday June, 26 at 14:00. Details in the final program.*



# SPWLA Tentative Technical Program

**N**ote: Selected papers listed below are not in the order in which they will be presented. The final technical program may differ from that shown here due to substitution of papers. All technical sessions will be held in the Palais des Congrès. Tape recording and photographs will not be permitted during the sessions, the poster display, or in the exhibition halls.

## Opening session

The 36th Annual Symposium will begin at 08:30. on Tuesday June 27 with an introduction by Gilles Pages, the meeting Chairman, followed by a keynote address by a distinguished speaker. Following the keynote address, Jan Rafdal, SPWLA Vice President of Technology will open the technical sessions.

## Invited speaker

Paul J.D. van Ditzhuijzen,  
Shell Internationale Petroleum  
Maatschappij B.V.,  
"The Future of Petrophysics"

## Nuclear logging

R.L. Jennings and G.A. Weber:  
Towards Fast Quantitative Modelling of  
Pulsed Neutron Logging Tools

M.W. Mickael, D.W. Oliver and  
W.A. Gilchrist Jr.:  
Epithermal/Thermal Accelerator Neutron  
Porosity Measurements

D.V. Ellis, R.A. Perchonok, H.D. Scott  
and C. Stoller:  
Adapting Wireline Logging Tools for  
Environmental Logging Applications

## Electrical Logging

Barbara I. Anderson, Thomas D.  
Barber and Martin G. Luling:  
The Response of Induction Tools to  
Dipping, Anisotropic Formations

Larry J. Sienkiewicz, Edward L. Marsh,  
Michael S. Bittar and Dennis G.  
Sullivan:  
An Attempt to Characterize  $R_t$  in a  
Horizontal Well Offshore Louisiana

Roland Chemali, Dale Heysse,  
G.A. Merchant and Charles Jackson:  
Comparisons of Wireline and LWD  
Resistivity Highlight Resistivity Frequency  
Dispersion in Sedimentary Formations

W. David Kennedy:  
Induction Log Forward Modelling:  
A Rigorous and Systematic Approach to  
Model Construction

## Acoustic

Raghu Ramamoorthy, William Murphy  
and Carolina M. Coll:  
Total Porosity Estimation in Shaly Sands  
from Shear Modulus

C. Naville, D. Belaud, J.P. Yver and  
J. Perrin:  
Detection of Permeable Fractures by  
Dipole Shear Anisotropy Logging

C. Esmersoy, A. Boyd and M. Kane:  
Fracture and Stress Evaluation using  
Dipole Shear Anisotropy Logs

Luis Guedes Condessa:  
Hydrocarbon Identification in Fresh-Water  
Bearing Reservoirs using Dynamic  
Poisson's Ratio: A Case Study

J. Minear, R. Birchak, C. Robbins, E.  
Linyaev, B. Mackie, D. Young and R.  
Malloy:  
Compressional Wave Slowness  
Measurements While Drilling

## Nuclear Magnetic Resonance Logging

Shinichi Sakurai, Robert Loucks and  
John Gardner:  
NMR Core Spectrometer Study on Lower  
San Andres/Glorieta (Permian)  
Carbonates: Central Basin Platform, West  
Texas

R. Akkurt, H. Vinegar, A. Guillory and  
P. Tutunjian:  
NMR Logging of Natural Gas Reservoirs

Wm. Scott Dodge Sr. and John  
Shafer:  
Core and Log NMR Measurements of an  
Iron Rich Glauconitic Sandstone Reservoir

G.R. Coates, J. Gardner, D. Mardon  
and D. Miller:  
Formation Evaluation Using Fixed  
Gradient T2 and Diffusion Logs

John Horkowitz, Donald Hartman,  
Harold Vinegar and George R. Coates:  
Residual Oil Saturation Measurements in  
Carbonates with Pulsed NMR Logs

## Petrophysics

D. W. Curwen and C. Molard:  
Permeability from Magnetic Resonance  
Imaging Logs - A Case Study

J. D. Klein, D.F. Allen and P. R. Martin:  
The Petrophysics of Electrically  
Anisotropic Reservoirs

Carlos A. Grattoni and Richard A.  
Dawe:  
Influence of Fluid Distribution Upon  
Electrical Resistivity of Partially Saturated  
Media

G. A. LaTorraca and K. J. Dunn:  
Magnetic Susceptibility Contrast Effects  
on NMR T2 Logging

H. N. Greder, E. A. Mus, A. Vejllerette  
and F.M. Pellerin:  
Derivation of a Core Permeability Log and  
Extrapolation in Uncored Intervals

Zhi-Qiang MAO, Cheng-Guang  
ZHANG and Chun-Zeng LIN:  
The Effects of Pore Structure on Electrical  
Properties of Core Samples and the  
Techniques of Saturation Evaluation under  
Reservoir Conditions in Tarim Basin

A. de Kuijper, R. K. J. Sandor, J. P.  
Hofman, J. M. V. A. Koelman, P.  
Hofstra and J. A. de Waal:  
Electrical Conductivities in Oil-bearing  
Shaly Sand accurately described with the  
SATORI saturation model

R. Van den Bosch, A. Fueleop and V.  
Pistre:  
Permeability Prediction from Well Logs -  
A Case Study in German Rotliegend  
Sandstones





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## Cased Hole and Production Logging

**W. B. Vail, S. T. Momii, H. Haines and J. F. Gould Jr.:**

Formation Resistivity Measurements Through Metal Casing at the MWX-2 Well in Rifle, Colorado

**B. Sh. Singer, O. Fanini, K. M. Strack, L. A. Tabarovsky and X. Zhang:**

Through Casing Resistivity: 2D and 3D Distortions; Correction Techniques

**D. Freeman, B. Roscoe and C. Cao Minh:**

Non-Conventional Applications of Through Tubing Carbon-Oxygen Logging Tools

**Moustafa E. Oraby, Jerry Brady and Thuy Dang:**

A New Quantitative Methodology for Gas Saturation Determination And its Applications In Prudhoe Bay

**George Brown, Mario Toro and Hugh Rees:**

Using Production-Log Data From Horizontal Wells

## Logging While Drilling

**John R. Lovell, Robert A. Young, Richard A Rosthal, Larry L. Buffington and Chuck Arceneaux:**

Structural Interpretation from a Logging-While-Drilling Tool

**Ronald L. Spross, Thomas M. Burnett, Christopher Golla and Cornelis Huiszoon:**

A Statistical Method for Correcting MWD Density Measurements for Large Standoffs

**Ch. Naville, J. Guesnon and F. Verdier:**

Formation Parameters from TRAFOR MWD System with Appropriate BHA

**H. DeNaurois, N. C. Last, F. J. Husband and M. Palstra:**

Identification of Microfractures and Rock Fragility in the Cusiana and Cupiagua Fields Using Time-Lapsed 2 MHz Electromagnetic Caliper Measurements

**W. Hal Meyer:**

New Two-Frequency Propagation Resistivity Tools

## Laboratory & Sampling

**Rosemary Knight, Paulette Tercier and David Goertz:**

A Laboratory Procedure for Estimating Irreducible Water Saturation from Cuttings

**R. A. Skopec, P. Collee, L. Van Puymbroeck and L. Schallenberger:**

Downhole Core Preservation for Improved Formation Evaluation

**B. M. Elashahab, X. D. Jing and J. S. Archer:**

The Effects of Temperature and Wettability on Resistivity Index Measurements on Rock Samples

**Mauro Della Martera, Oliviero Meazza, Michael Saunders and Michael Taylor:**

Porosity from Cuttings: Options and Answers

**A. Smits:**

Optical Spectrometry to Resolve Mixtures During Formation Sampling

## Geology

**A. Etchecopar, R. Argiolas, V. Barthes, J. Pocachar, C. Thomassin and E. Wicquart:**

Relative and Absolute Dating using a Paleomagnetic Logging Tool - A Case Study

**Arild Eldøy, Jan Rafdal and Tim Dodson:**

Formation Pressure Determination in High Pressure High Temperature Wells in the Central Graben Area of the North Sea

**M. Sato, T. Miwa and H. Niitsuma:**

Application of Polarimetric Borehole Radar to Crack Characterization

**Stephen Prenskey:**

Formation Evaluation of Gas Hydrates

**Gary F. Beck:**

Forward Modeling of Deep Resistivity Response in Nophlet Wells

## Formation Evaluation

**J. A. Nieto, D. P. Schmitt and R. G. Keys:**

Removal of Borehole Induced Noise from Well Logs

**Rick Aldred:**

Interpreting MWD Data from Horizontal Wells. An Example from Western Australia.

**B. C. Duval, P. Imbert and Y. Grosjean:**

Contribution of Qualitative Log Analysis to Reservoir Management. Recent Developments and Case Histories.

**Darrel E. Cannon:**

Shales: An Alternate Source for Water Resistivities

**Taras T. Dziuba and Larry Sopko:**

Reconciliation of Water Production from Resistive Carbonates, Western Canada

**Christopher Skelt and Bob Harrison:**

An Integrated Approach to Saturation Height Analysis

**D. T. Georgi, J. C. Zhang, Y. Y. Huang, R. Chandler and M. Prammer:**

Vertical Resolution and Signal-to-Noise Characteristics of Nuclear Magnetic Resonance Image Logs

**Jonathan Hall and Livio Scandella:**

Estimation of Critical Formation Evaluation Parameters Using Techniques of Artificial Intelligence and Neuro-Computing. A Comparative Investigation of Possible Techniques, Applications, Advantages and Limitations.

**Benoit Mathis, Denis Haller, Herve Ganem, Eric Standen:**

Orientation and Calibration of Core and Borehole Image Data.

**M. Gonfalini and M. Ponzi:**

A Knowledge Based System for Log Quality Control



## Alternatives

**P. Kubica:**

Statistical Tests of Permeability Estimates Based on NMR Measurements

**M. Frass, C. Coll, H. Gamerot and I. Bryant:**

Characterization of Thinly-bedded Reservoirs: A New Approach in a Sparse Logged Area

**A. Brancolini, P. Gossenberg, I. S. Mackenzie and E. Rossi:**

X-ray CT Evaluation of Poorly Consolidated, Thin-bedded Core.

**J. L. Mari, F. Coppens, E. Blondin and E. Wicquart:**

Slowness and Delay in Acoustic Logging

**John Michaels, Mike Moody and Than Shwe:**

Advances in Wireline Formation Testing

**Stein Ottar Stalheim and Terje Eidesmo:**

Is the Saturation Exponent  $n$  a Constant?

**D. C. Herrick and W. D. Kennedy:**

Formation Resistivity Factor and Permeability Relationships in Rocks Characterized by Secondary Porosity

**S. Jacobsen, J-C. Trouiller, T. Barber, R. Dennis and L. Jammes:**

A Better Evaluation of the Hydrocarbon Saturation in Horizontal Wells Through a Combination of Deep Azimuthal Resistivity Measurements and Radial Resistivity Profiles.

**A. G. Mezzatesta, M. H. Eckard and K.-M. Strack:**

Integrated 2-D Interpretation of Resistivity Logging Measurements by Inversion Methods

**Daniel C. Minette and Tracey Flynn:**  
The Accuracy and Precision of MWD Density Tools

**Amal Vittachi and DeWayne R. Schnorr:**

Determining Oil, Water and Gas Saturations by Combining the C/O and SIGMA Measurements of the Slim RST\* Tool

**Andrew Sutherland and Andrew Buffin:**

Permeability from Waveform Sonic Data in the Otway Basin

**E. P. Howell and E. L. Bigelow:**

Practical Analysis of Formation Strength Properties in Unconsolidated Reservoirs

**Paul Schuh, Mark Steel and Steve Chudy:**

Cased Hole Acoustic Logging - A Solution to a Problem

**Douglas D. Seiler:**

Borehole Visualization in 3-D

## Poster presentations

**Jan A. Czubek, Krzysztof Drozdowicz, Barbara Gabanska, Andrzej Igielski, Ewa Krynicka, and Urszula Woznicka:**  
Laboratory Measurements for Geological Samples (by Pulsed Method)

**V. M. Dobrinin and V. N.**

**Chernoglazov:**  
Surface Subsidence Forecast by Well Logs.

**J. Craig Tingey, Richard J. Nelson and Kent E. Newsham:**

Comprehensive Analysis of Russian Petrophysical Measurements

**Keith B. Sullivan and Kevin J. Schepel:**  
**Borehole Image Logs:**

Applications in Fractured and Thinly Bedded Reservoirs

**P. M. Wong, T. D. Gedeon and I. J. Taggart:**

The Use of Fuzzy Artmap for Lithofacies Classification: A Comparison Study

**Usman Ahmed, Larry Buffington and Richard Berlitz:**

Use of Fullbore Formation MicroImager Tool (FMI\*) Data to Optimize Reservoir Production and Development

**Shiyu Xu and Roy E. White:**

Poro-elasticity of Clastic Rocks: a Unified Model

**A. J. Hayman, P. Parent, G. Rouault, S. Zurquiyah, P. Verges, K.**

**Liang, F. Stanke and P. Herve:**  
Developments in Corrosion Logging using Ultrasonic Imaging

**C. R. Case, P. D. Wraight, C. Flaum and T. DasGupta:**

Improved Porosity Estimation in Invaded Gas Reservoirs Using a Pulsed Neutron Porosity Device

**D. S. Wolcott, D. C. Schafer and A. R. Vittachi:**

Characterization of a Heterogenous Formation Using Azimuthal Logging-While-Drilling (LWD) Measurements

**T. Hagiwara:**

Anisotropic Shale and Induction Log Shoulder Bed Corrections for Deviated Boreholes

**Phil Holbrook:**

The Relationship Between Porosity, Mineralogy, and Effective Stress in Granular Sedimentary Rocks

**J. Holenka, D. Best, M. Evans, P. Kurkoski and W. R. Sloan:**

Azimuthal Porosity While Drilling

**O. Faivre and G. Catala:**

Dip Estimation from Azimuthal Resistivities

**D. Mardon, M. G. Prammer, Z. Taicher, R. N. Chandler and G. R. Coates:**

Improved Calibration and Environmental Correction Procedures for MRIL Pulsed NMRLogs Run in High-Salinity Boreholes

**M. Fleury and P. Forbes:**

Experimental Evidence of Radial Effects on Capillary Pressure Curves.

**H. Chapellat, V. Belougne, J. Turner and L. Jammes:**

Real-time Speed Correction of Logging Data

**Carlos A. Goncalves, Peter K. Harvey and Michael A. Lovell:**

Application of a Multilayer Neural Network and Statistical Techniques in Formation Characterisation



# FIELD TRIPS

**B**esides their great technical and scientific interest, both field trips will be the chance to discover French gastronomy, culture, history and countryside. Non specialists (accompanying persons and children over 6) will be most welcome.

**Monday June 26, 1995**

**E1 Champagne, the Gaz de France core library, underground gas storage and the area of Reims.**  
7:30 - 17:30 (20)

This trip will take us to Germigny-sous-Coulombs, home of the Gaz de France core library, located 80 Kms North East of Paris on the Brie Plateau (Bartonian age); it is located halfway between the towns of Meaux, archdiocese of the famous French preacher, Bossuet "the Eagle of Meaux", and Château-Thierry, birthplace of Jean de la Fontaine the great composer of fables. During the First World War, it was a key strategy area for the defense of Paris and saw some fierce fighting.

The core library houses some 28 000 meters of cores cut in over 500 wells, drilled within the scope of underground gas storage. A complete set of modern logs have been recorded in many of these wells.

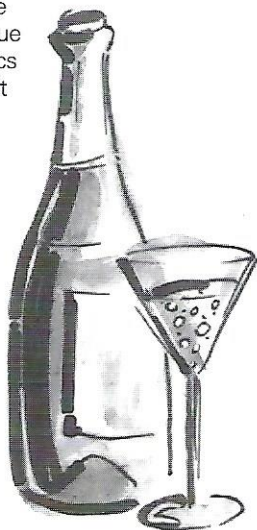
The Gaz de France geologists and log analysts will give a demonstration focusing on the combined utilization of logs and cores.

Clear examples of cross-utilization will be given. The cores and logs will be displayed alongside each other to show how reservoir characteristics : mineralogy, lithology, facies, sequence stratigraphy, porosity and permeability, have been determined.

In the nearby gas storage facilities, participants can learn about the subtleties of underground gas storage : the role of the cap rock and the reservoir and the related problems of high resolution stratigraphy.

There will be a visit to the monitoring plant, and a film on gas storage, after which it's on to Reims !

The highway from Germigny-sous-Colombs to Reims runs across the tertiary rocks of the Brie Plateau with its step-like cuestas, due to the varied lithological characteristics of these dipping beds. On arriving at Reims the road crosses the first Mesozoic ring formed by the Campanian chalk. These chalky cuestas are called Champagne (from "campagne": countryside); they are the home of that very special wine of the same name. The vinyards cover the western flanks of the Champagne cuestas, and the grapes are fermented in cellars burrowed out of the cuesta hillsides, to eventually produce the famous champagne wines.



What fitter way to launch SPWLA in France than with Champagne ?

An unforgettable Champagne lunch is awaiting you in a famous Reims restaurant. Before returning to Paris, a visit to the magnificent cathedral is a must, the cathedral where French Kings and Queens were crowned for centuries.

Price per person : FF 650

**E2 Normandy, the Peace Memorial and the Museum of Logging**  
7:30 - 18:00 (36)

- We start this trip by crossing the Ile de France, into Normandy, the dairy farming area of France, and site of the Normandy landings in June 1944.

First, a visit to the city of Caen, with its famous churches, of which l'Abbaye aux Dames is the most prestigious.

- Next our route takes us to the Peace Memorial, built in the middle of the cemeteries of all the nations which took part in D-Day.

The memorial takes us back into the past, to the time of World War II, D-Day and the battle of Normandy, but, as the memorial itself reminds us, to the ensuing peace, reconciliation and hope for the future.

The trip proceeds through the undulating landscape of the Auge area, famous for its charming thatched cottages, cheese and ... cows !

Lunch will be served in a typical inn at Crèvecœur-en-Auge, where all will be able to appreciate the local creamy food and the best apple cider there is.

- Then on to the Castle of Crèvecœur, an outstanding example of eleventh century medieval architecture, although building continued through the centuries until the last phase of construction in the eighteenth century.

The Schlumberger Foundation, created in 1973, took over the maintenance of the castle, and the museum is divided into three parts : one part is devoted to crop and stock farming in the Pays d'Auge, another to traditional building techniques in this part of Normandy, and the last, and to us the most important, houses the Museum of Logging, dedicated to the scientific and technical work of Conrad and Marcel Schlumberger, and the history of their company "Société de Prospection Electrique".

The early work of the brothers is on show, as well as scores of early logging tools and equipment, similar to that used to record the first log at Pechelbronn.

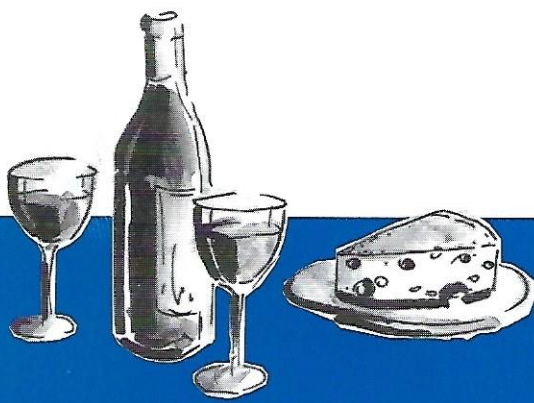
A most interesting and enlightening journey through the history of logging.

Price per person : FF 650



SPWLA  
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## SOCIAL EVENTS

### 51 Icebreaker Cocktail Reception

Hosted by Schlumberger  
**Monday, June 26 - 18:30 - 20:30**  
 Concorde Lounge (level 7 of the Convention Center)

With a glass of wine in your hand and the tangy fragrance of French cheeses and bread, renew old acquaintances and make new ones at the Icebreaker Cocktail Party, on the eve of the SPWLA Symposium.

Here on the 7th floor patio of the Palais des Congrès, overlooking the Place Maillot with the Arc de Triomphe in the distance, what better way to get in the mood of the Paris venue?

And to gain admission, all you will require is your symposium registration badge, so make sure you stop by the SPWLA registration desk on the 5th floor, earlier in the day.

### 52 Cruise on the Seine

**Tuesday June 27**  
**20:00 - 23:00**

Sponsored by Western Atlas Logging Services

Board one of the famous "Bateaux-Mouches" for a delightful and romantic candlelight buffet-style dinner while cruising along the River Seine and discover the magic of the city's bridges, quays and floodlit monuments.

This is certainly the best possible way to do "Paris by night", and adds a touch of mystery to the venerable buildings you will be gliding past.

The core of the city's history lies along the banks of the Seine, but even if you're not a history fanatic, this is a unique opportunity to see the city of romance at its most romantic.

Warning : the number of seats on the boat is limited. Register early.

Special fee : FF 200

### 53 Cocktail party

**Wednesday June 28 18:30 - 20:00**  
 Concorde Lounge (level 7 of the Convention Center)

Hosted by Halliburton Logging Services.

As the seminar nears the last day, you will be needing every opportunity to confirm contacts, and make sure you have the phone number of the people you want to get back to - cocktails were invented for that very purpose, and also for relaxing, telling a couple of jokes, and seeing another side of people you work with.

Again, all you need to get into the party is your badge.

### 54 Annual SPWLA Awards Banquet "Dîner à la Française"

**Wednesday June 28 20:00 - 22:00**  
 Concorde Lounge (level 7 of the Convention Center)

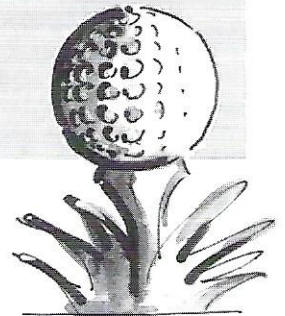
The banquet is given in honor of the outstanding achievements of the Society's Award Winners. You will be able to enjoy a truly gastronomical French dinner, which will start at 20:00.

By now you will have realized that when we say we take care over the food, we mean it! No Frenchman could be accused of taking his cuisine lightly, and this is obviously going to be the kingpin foodwise.

A banquet is usually a grand affair. In this case it doesn't mean white tie and tails, but it does mean that the "dîner à la française" will be something really special, and as you will agree, our Award Winners deserve the best !

Special fee : FF 200

## Golf des Yvelines Tournament



**Monday, June 26, 07:30**  
**from Palais des Congrès**  
**or 09:00**  
**at the Golf Club**

The 1995 SPWLA Golf Tournament will be held at the Golf des Yvelines, 50 Kms West of Paris, an attractive course set in the pleasant surroundings of the Château de la Couharde at la Queue-lez-Yvelines. The castle, now used as the club house, was built between 1550 and 1560 by the Seigneur Etienne de Brézé, and in the eighteenth century belonged to the de Beauharnais family, members of the nobility. The La Couharde estate today provides some 230 acres of fairway (27 holes), with parks and woodland. The 18 hole course is an appealing one for golfers, rated by the pro's as "straightforward and healthy but however requiring a lot of attention on the rather long fairways across a well timbered landscape..."

The tournament will be a four-man-stableford format with a maximum limit of 72 players. Prizes will be awarded to the top players, longest drive and closest to the pin. A notice of teams and tee times will be sent to all registrants in the second week of June.

Fee : FF 350 per player (includes green fees, driving range, light lunch, ditty bag, transportation to and from Palais des Congrès by bus).



## ACCOMPANYING PERSON ACTIVITIES

**Tuesday June 27, 1995**

**E3**

**The Orsay Museum**

9:00 - 12:00

(14)

One of the most modern and charming museums in Paris was once a railway station. The Orsay Museum counts as one of the French capital's greatest attractions, and the inventive restoration of the building itself, with the careful preservation of its crowning glass cupola, make it a worthy setting for the masterpieces from all the major artistic trends of the 19th century. Here you will discover the best known paintings by Monet, Manet and Degas as well as sculptures by Rodin, among other great works of the era exhibited here, in the Mecca of Impressionism.

Price per person : FF 295

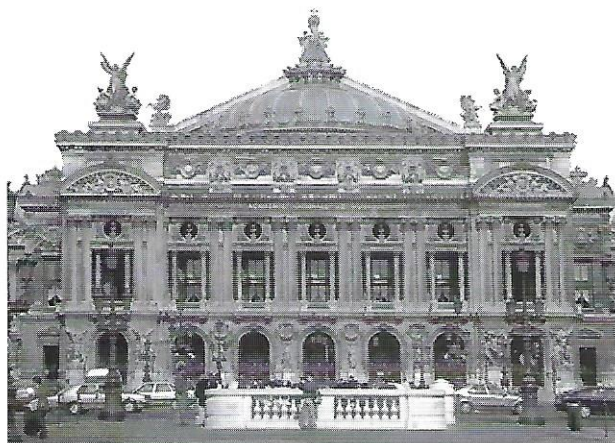
**E4**

**Fashion Show and Opera House**

9:00 - 12:00

Discover the season's outfits and trends during a fashion show staged under the 19th century Tiffany Glass Dome of the Printemps department store. Then visit the 19th century Opera House built in 1862 by Charles Garnier, the largest theater in the world, with its beautiful marble staircase and guided foyer.

Price per person : FF 295



Opéra

**E5**

**Paris in the Year 2000**

14:00 - 17:30

This tour will make you more familiar with a city which has considerably changed over the last decade, with ultra modern buildings and outstanding monuments. Visit the New City of Paris, its modern skyline and famous recent monuments : The Glass Pyramid of the Louvre, the Arab World Institute, the Georges Pompidou Center, the brand new *Bibliothèque de France*, the magnificent philosophical gardens of the park André Citroën and the cubic marble-covered Grande Arche, overlooking the New Paris from the West and extending the city by 4 kilometers...

Price per person : FF 295

**Wednesday June 28, 1995**

**E6**

**The Louvre museum**

9:00 - 12:00

Discover or re-discover one of the most prestigious museums in the world, recently reorganized to celebrate the museum's bicentennial. Beside venerable works of art such as *Mona Lisa*, the *Vénus de Milo* and the winged *Victoire de Samothrace*, expanded collections are displayed in the new fashioned galleries. Formerly used by the services of the Minister of Finances, the rooms, richly decorated with gold and silver ornaments, now house furniture from the Second Empire. The monumental *Chevaux de Marly*, sculpted in the fifteenth century by Tuby and Coysevox to embellish Louis XIV's magnificent formal gardens, dominate the recently restored courtyards. You will also find paintings by Rubens and exquisite medieval ivories plus other treasures, here in these newly opened galleries.

Price per person : FF 295

### FIELD TRIPS AND ACCOMPANYING PERSON ACTIVITIES

#### General conditions

All field trips and sightseeing tours depart from and return to the Palais des Congrès by special coach. Professional bilingual guides (French/English) will accompany each tour ; all guides are specialized graduates from the National Museums' Guide School. The Organizers reserve the right to cancel field trips with less than 30 participants and sightseeing tours with less than 15 participants. Reservations will be accepted on a first-come, first-served basis. On-site availability cannot be guaranteed. Please complete the " Field trips and accompanying person activities" section of the Registration form. Children under 6 not admitted.



**E7****Montmartre and the Dali Museum**

14:00 - 17:00

Site of the *Sacré-Cœur* Basilica, a Roman Byzantine style monument built in 1878, Montmartre exudes a sense of history, a timeless quality infused with that hard to define Gallic charm. In the lively square of the Place du Tertre, artists will offer to paint your portrait. Stroll through the narrow streets where windmills, the mysterious *Allée des Brouillards* and Picasso's house and studio, the *Bateau Lavoir* await you. The Dali museum, was recently opened in the heart of Montmartre to display the works of this master of fantasy, and today 330 works of art can be admired here.

Price per person : FF 295

**E8****Monet's House and the American Museum at Giverny**

9:00 - 17:30

This delightful village, home of Claude Monet, who like many of the impressionists was attracted by the soft light of the Seine Valley, has become a place of pilgrimage for art lovers. Monet's house has a warm family feeling. The rooms have been restored to Monet's original designs : the kitchen with its blue tiles and the buttercup yellow dining room. You will also see the Japanese prints of which Monet was an enthusiastic collector, and reproductions of his own works displayed about the house. The garden is as bright and colorful as the house. In June, creeping nasturtiums carpet the alley ways leading to the lilypond, which Monet immortalized in his celebrate *Nymphéas* frescoes. The modern, stream lined museum of American Impressionism has just opened in Giverny, among the charming houses of the village. Paintings by Robinson Butler, Mary Cassat and other artists who settled in Giverny during the Monet period, are on show here. The Master's influence can be felt most strongly in the landscape paintings. And after feasting the eyes and spirit, another feast awaits with lunch at the Moulin de la Fourges, on the banks of the Seine, this time for the pleasure of the palate !

Price per person : FF 750

**Thursday June 29, 1995****E9****The Latin Quarter : The Sorbonne University and the Cluny museum**

9:00 - 12:00

In the Latin Quarter, just by the Sorbonne, (the first Paris University, built in the thirteenth century) you will find the Roman baths and also the fifteenth century Cluny residence, now a museum devoted to the Middle Ages, and the works of art of the time : tapestries, sculptures, ivories enamels and gold jewelry represent the heritage coming to us from so many centuries ago.

Price per person : FF 295

**E10****The Marais district and the Picasso Museum**

14:00 - 17:00

This one of the most historic parts of Paris. Once a marshy area, over the centuries it was completely transformed and thanks to the gracious 16th, 17th and 18th century architecture, became for a time, the most elegant district. After a period of neglect, the entire neighbourhood has recently been given a face-lift and has recovered its elegance of the past, becoming a highly desirable residential area. The *Hôtel Salé*, built in 1654, for a fiscal dignitary became the Picasso museum in 1986, and houses the most prestigious and complete collection of his work. The striking portrait of his wife *Olga* stands next to the preliminary sketches of *Guernica*, as well as the still lifes of his cubist period and famous sculptures such as *La Chèvre* and *Le Singe*

Price per person : FF 295

**E11****Versailles and Trianon**

9:00 - 17:30

The contrast between the majestic and the domesticated is an important part of Versailles' appeal. Strolling through the park, you will discover the charming rustic cottages of Marie-Antoinette, followed by the visit of the pink marble *Grand Trianon* summer residence for the "Sun" King and Queen. After a pleasant lunch in one of the many relished restaurants of the city, visit the *Palais de Versailles* : the State apartments, the Royal Chapel built under court architect Mansart the dazzling Hall of Mirrors and the Queen's Apartments.

Price per person : FF 750



L'église de la Sorbonne



# REGISTRATION INFORMATION

## FEES

	If registered before April 30, 1995*	If registered on or after April 30, 1995*
SPWLA or SAID Member	FF 1200	FF 1400
Non-Member	FF 1300	FF 1500
Retired	FF 500	FF 600
Student **	FF 150	FF 150
Workshop		
• Monday 26	FF 350/700	FF 350/700
• Friday 30	FF 300/600	FF 300/600
Shortcourse		
• Monday 26	FF 450/900	FF 450/900
Accompanying person	FF 200	FF 200

\* date as postmarked

\*\* A proof of student status must be joined to the registration form along with a copy of personal ID CARD

### Registration fee entitles delegates to :

- Technical program and Trade Show
- Symposium information
- Admission to the Icebreaker Wine and Cheese Reception (Monday 18:30) and to the Cocktail Party (Wednesday 18:30)

### Registration fee entitles accompanying persons to :

- Admission to the Icebreaker Wine and Cheese Reception (Monday 18:30) and to the Cocktail Party (Wednesday 18:30)
- Admission to the Spouse Hospitality Lounge

## HOW TO REGISTER

The enclosed advance registration must be returned to the Symposium Secretariat with the corresponding payment. No registration will be accepted without prior proof of payment (check drawn in French Francs, copy of bank transfer order or Visa card information with signature). Please register one attendee per form. If your spouse or guest is attending, be sure to include that person's full name for the computerized badge. Members may not register as a spouse or guest.

After payment has been received the Symposium Secretariat will send you a confirmation notice listing registration fees and activities requested. Please check these carefully. If any changes in your registration are necessary, all additions (with accompanying payment) or deletions must be made in writing to the Symposium Secretariat no later than May 31, 1995. No changes or cancellations can be made by telephone. After May 31, 1995 you must register on site (against an additional processing fee of 200 FF). The Registration Desk at the Convention Center will be open from 8:00 to 9:30 on Monday June, 26 1995 for workshops only, from 15:00 to 19:00 for Symposium Registration and from 7:30 to 18:00 daily there after.

### N.B. : Request for name changes

All name substitutions addressed to the Symposium before May 31, 1995 will be processed at no extra charge. Requests made thereafter and on site will be subject to a 500 FF processing fee.



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## HOW TO PAY

All payments must be made in French Francs

### • either by check payable in France to :

CONVERGENCES-SAID/SPWLA 95

### • or by direct bank transfer :

CONVERGENCES-SAID/SPWLA 95

Account n° 10006835865

Banque de Neuflyze, Schlumberger et Mallet  
3, avenue Hoche, F- 75008 PARIS

A duplicate or photostat copy of the bank transfer order must be attached to the registration form and forwarded to CONVERGENCES-SAID/SPWLA 95 (Symposium Secretariat), NOT TO THE BANK.

Please ensure that the name and address of the payer are clearly printed on the document along with the payment details. Bank charges will be at the sender's own expense.

### • or by credit card (VISA card ONLY)

### N.B. : Partial or incomplete payments

Outstanding balances resulting from miscalculations and/or others will be collected on site by the Symposium Secretariat. If registration funds are wired late or, for unexplained reasons, have not been credited to the Symposium account at the time of registration, a photostat copy of the payment proof will be required.

## CANCELLATION POLICY

### GENERAL CONDITIONS

All cancellation notices must be made in writing (letter, telex, facsimile confirmed by mail) to the Symposium Secretariat only. Refunds will be issued after the Congress only. Non European residents must provide the Secretariat with their respective bank data (name of the bank and of the account holder, bank account number).

### CANCELLATION TERMS AND CONDITIONS

Registration and workshop fees :

- For cancellation notices received on or before May 19, 1995 : 300 FF penalty.
- Cancellation notices received after May 19, 1995 : No refund

Hotel accommodation :

- For cancellation notices received on or before April 30, 1995 : a 100 FF handling charge will be withheld
- Cancellation notices received after April 30, 1995 : No refund

All other events :

- Cancellation notices received on or before May 19, 1995 : Full refund.
- Cancellation notices received after May 19, 1995 : No refund

N.B. : unused tickets are not refundable.



# HOTEL ACCOMMODATION

**T**he Symposium Secretariat has reserved rooms from June 25 to June 30, 1995 in hotels listed below. The special symposium rates are applicable to booking made through the Symposium Secretariat only. Booking deadline is April 30, 1995, after this date, accommodation can no longer be guaranteed by the Symposium Secretariat. Booking must be made as early as possible due to a very heavy demand on hotel rooms to be expected at this time of the year in Paris.

#### Reservation terms :

A one-night deposit is required for reservation ; it will be deducted from the bill to be settled directly to the hotel when checking out. Confirmation details will be forwarded upon receipt of the accommodation form and deposit. Booking requests for periods June 25 and/or after June 30, 1995 will be made accepted on space availability basis.

## 1st Class Superior

	Room rates	
	Single	Double
<b>H1 CONCORDE LAFAYETTE</b> 3, Place du Général Koenig Paris 17 <sup>e</sup> Located in the Convention Center Building	1050 FF	1050 FF
<b>H2 MERIDIEN ETOILE</b> 81, boulevard Gouvion St Cyr, Paris 17 <sup>e</sup> Across the street from the Convention Center	1050 FF	1050 FF
<b>H3 SPLENDID ETOILE</b> 1 bis, avenue Carnot, Paris 17 <sup>e</sup> 10-minute walk to the Convention Center	805 FF	900 FF
<b>H4 ROCHESTER CHAMPS ELYSEES</b> 92, rue de la Boétie, Paris 8 <sup>e</sup> M <sup>o</sup> "Saint-Augustin" (line 9) change at "Franklin D. Roosevelt" (line 1)	770 FF	865 FF

## Superior

<b>H5 MAGELLAN</b> 17-19, rue JB Dumas Paris 17 <sup>e</sup> 10-minute walk to the Convention Center	560 FF	595 FF
<b>H6 FERTEL MAILLOT</b> 269, boulevard Pereire, Paris 17 <sup>e</sup> 5-minute walk to the Convention Center	560 FF	570 FF

**H7 FERTEL ETOILE** 560 FF 570 FF  
4, rue des Acacias, Paris 17<sup>e</sup>

10-minute walk to the Convention Center

**H8 CHAMPERRET VILLIERS** 585 FF 585 FF  
129, avenue de Villiers,  
Paris 17<sup>e</sup>

RER "Pérelre-Levallois" (line C)

**H9 CHEVERNY** 510 FF 570 FF  
7, Villa Berthier, Paris 17<sup>e</sup>

5-minute walk to the Convention Center

**H10 ETOILE PEREIRE** 585 FF 585 FF  
146, boulevard Pérelre,  
Paris 17<sup>e</sup>

10-minute walk to the Convention Center

**H11 MAC MAHON** 700 FF 750 FF  
3, avenue Mac Mahon,  
Paris 17<sup>e</sup>

10-minute walk to the Convention

**H12 CECILIA** 630 FF 700 FF  
11, avenue Mac Mahon,  
Paris 17<sup>e</sup>

10-minute walk to the Convention Center

**H13 ABRIAL** 590 FF 640 FF  
176, rue Cardinet, Paris 17<sup>e</sup>

M<sup>o</sup> "Courcelles" (line 2) change at "Charles de Gaulle Etoile" (line 1)

## Standard

**H14 AMBASSADEUR** 450 FF 450 FF  
153, rue Legendre, Paris 17<sup>e</sup>

M<sup>o</sup> "la Fourche" (line 13) change at "Champs-Élysées-Clémenceau" (line 1)

**H15 IBIS PARIS LA DEFENSE** 460 FF 460 FF  
4, boulevard de Neuilly  
92400 Courbevoie

M<sup>o</sup> Grande Arche de la Défense (line 1)

Breakfast and hotel city tax (5 to 8 FF per night and per person) not included

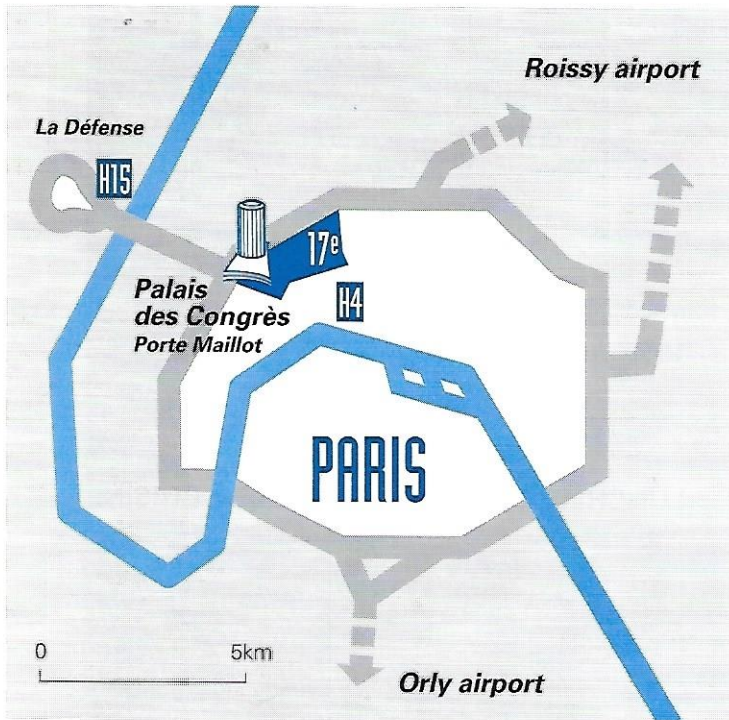
## LOW-COST ACCOMMODATION

The Symposium Secretariat can forward information on low-cost accommodation (student accommodation centers...) upon request. Please tick the appropriate box on the "Accommodation" section of your registration form. Reservation will be made on an individual basis only.





SPWLA  
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# GENERAL INFORMATION

## DATES AND VENUE OF THE 36th ANNUAL SYMPOSIUM SPWLA

**From Monday June 26 through Thursday June 29, 1995 at the PALAIS DES CONGRES Place de la Porte Maillot, Paris 17<sup>e</sup>**

### HOW TO GET TO THE PALAIS DES CONGRES From Paris International airports

From/To	Transportation type	To/From	Frequency	Transit	Remarks
Orly	AFSB *	Invalides	every	40 min	Then taxi or metro to final destination
		AF Terminal	12 min		
Orly	Orly Rail	Neuilly Porte Maillot	15 min	65 min	Shuttle to train station for connection
Orly	Taxis	Palais des Congrès		40 min	expensive (≈ 200 F) (no credit cards)
Orly	Orly Val	Antony - Châtelet Porte Maillot	15 min	65 min	difficult (2 changes)
Roissy	AFSB *	Palais des Congrès	15 min	40 min	Practical
Roissy	Taxis	Palais des Congrès Porte Maillot		40 min	expensive (200 F) (no credit cards)

\*Air France shuttle service

#### In Paris

##### by subway

Line 1 to "Porte Maillot" station (Pont de Neuilly- Château de Vincennes line). Direct access to the Palais des Congrès

##### by RER

(line C) "Neuilly-Porte Maillot" station

##### by bus

Line 82 to "Porte Maillot" (Luxembourg-Neuilly line), line 73 (Concorde-La Défense line) and PC (Petite ceinture). Also accessible by the "Porte des Ternes" station, line 43 (Gare du Nord-Neuilly line)

#### ON SITE FACILITIES

Air France travel agency, drugstore, bookstores, foreign exchange office, post office, duty-free shops, restaurants, cafés, etc....

#### TRANSACTIONS

Symposium transactions are not included in the registration fee. U.S residents may elect to have their transactions shipped directly to them. See registration form.

#### OFFICIAL LANGUAGE

English.

#### MAIL, CABLEGRAMS AND TELEPHONE

Any correspondence addressed to the participants of the SPWLA Congress between June 26 and June 29, 1995 should be sent to :

##### CONVERGENCES-SAID/SPWLA' 95

Attention Mr .....

Palais des Congrès - Place de la Porte Maillot

F-75017 PARIS

Fax : (33-1) 40 68 26 56 Tel : (33-1) 40 68 26 43

(in use from June 26 to 29 only)

#### VISAS

Non EEC and non Swiss Nationals should inquire about visa procurement formalities at their nearest French Embassy or Consulate.

#### LUNCHES, DINNERS AND FRENCH CUISINE

The symposium offers the perfect opportunity for all participants to sample the excellence of French Cuisine. Much care has been taken in planning food aspects during the proceedings, especially for the special events organized during the Congress such as the Icebreaker reception, the Cruise on the Seine, the Cocktail party and the Award Banquet. All field trips and whole day excursions will include lunches of quality in good, pleasant restaurants.

The Concorde Lafayette, the caterers for the symposium, is renowned for the quality of its menus.

The Organizing Committee has made arrangements for specially catered lunches which will be served in a private lounge on level 7 in the Convention Center. The price is very attractive considering the quality of the food.

There are several restaurants and cafés located in or near the Palais des Congrès, but these are more expensive and usually very crowded at lunch time.

#### AIR INTER/SNCF DISCOUNTS

Congress participants may be entitled to special discounts on round-trip Air-Inter flights "Blue" and "White" (reduction of up to 35 % depending on flights) and on round-trip rail itineraries within France (reduction of up to 20%). Discount coupons will be issued upon request at the Congress Office (please refer to the appropriate items on the registration form for details).

#### CLIMATE AND WEATHER CONDITIONS

June in Paris is usually pleasant and sunny, with temperatures ranging from 19 °C to 23 °C. However, a light raincoat is recommended.

#### SPOUSE HOSPITALITY LOUNGE

Registered Family Members and Accompanying Persons will have at their disposal a permanent Hospitality Lounge, which will be available as a meeting and resting place.

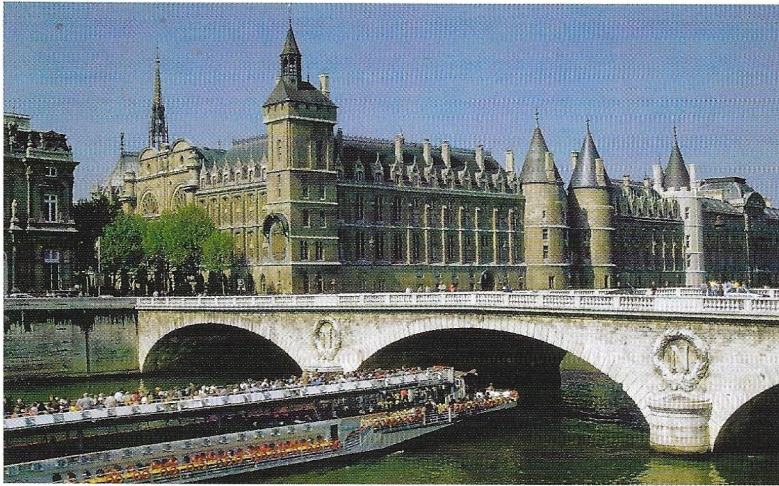
A hostess will be present to answer any questions on general and tourist matters.

Refreshments will be complimentary.

#### EXHIBITION

The exhibit halls will be located on the same level as the Lecture Hall and the Poster Display area thus allowing frequent and interesting visits to the booths presenting the latest developments in downhole tools, integrated work stations, applications software, logging and analysis equipment....





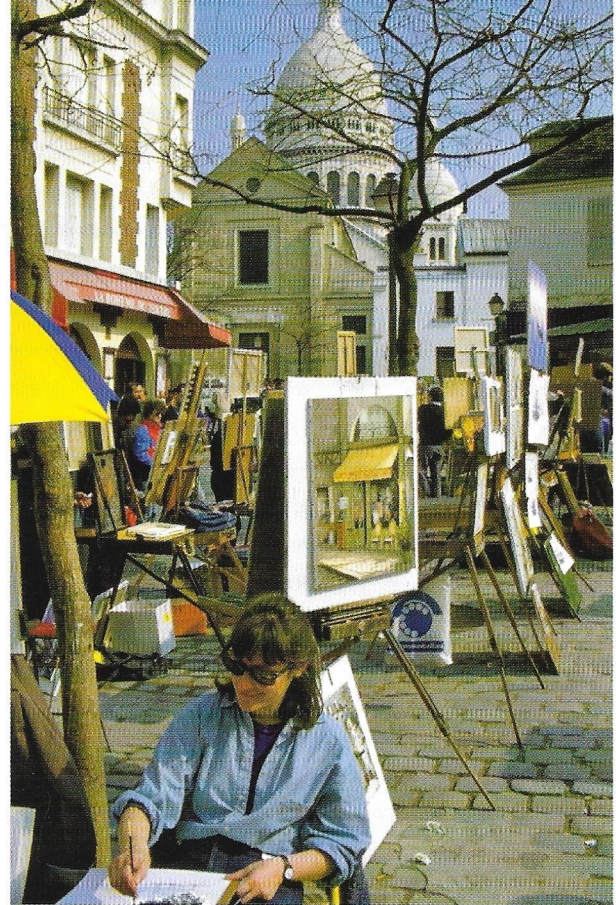
*La Conciergerie*



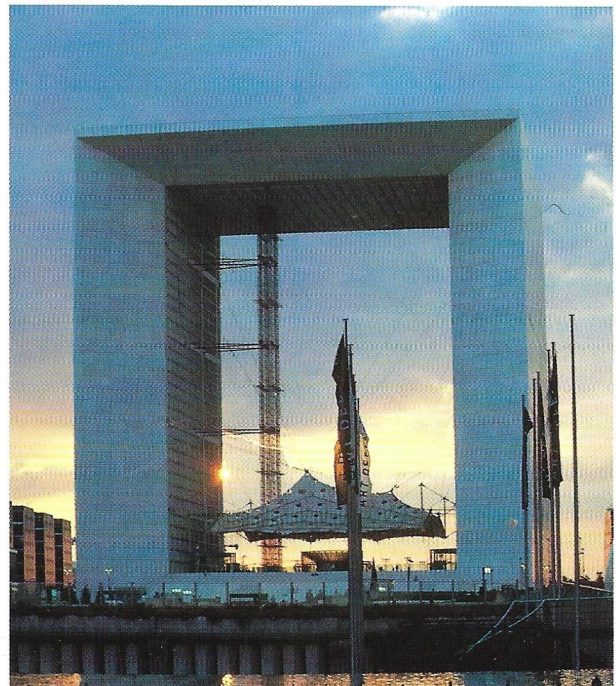
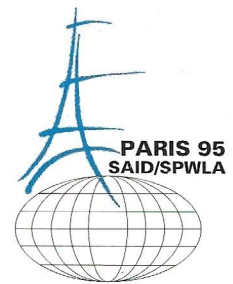
*Arc de Triomphe*



*Versailles*

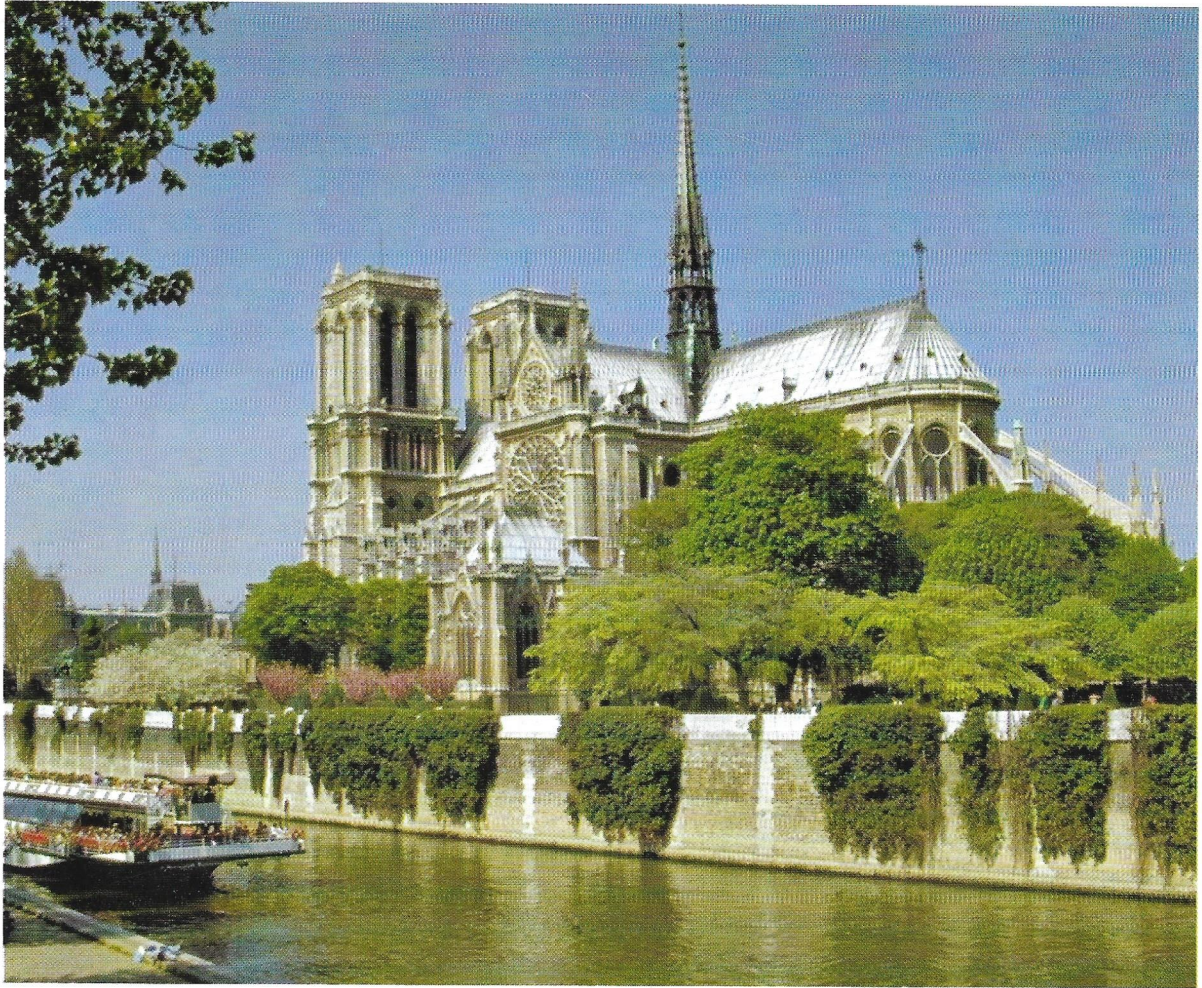


*Place du Tertre*



*La Grande Arche de la Défense*





Organizing Committee

**S.A.I.D.**  
6, rue Dombasle  
75015 PARIS (France)

Congress Office

Registration - Accommodation - Exhibition  
**CONVERGENCES - SAID/SPWLA '95**  
120, avenue Gambetta  
75020 PARIS (France)