

**WEDNESDAY 23 APRIL** – am – **Governing Body Meeting**  
– pm – **Technical Committees**  
**THURSDAY 24 APRIL** – **TECHNICAL MEETING**  
**FRIDAY 25 APRIL** – am – **TECHNICAL MEETING**  
– pm – **CICIND NORMAL GENERAL ASSEMBLY**

**DRAFT TECHNICAL PROGRAMME** –*subject to amendment, please check with The Secretary*

**THURSDAY 24TH APRIL**

0930 - 0945	WELCOME & INTRODUCTION	CICIND President, John Sowizal CICIND Secretary, Paul Freathy
0945 - 1010	Arun Bhowmik & colleagues Hamon Custodis, USA	Failure and near-collapse of a 250 ft tall brick liner in a power plant, emergency stabilization, and short-term use of the liner.
1010 - 1035	David Bird Pullman Power, USA	Two brick liner repair projects to freestanding liners serving coal fired boilers: A life extending structural repair and a "wet stack" conversion
1035 - 1100	Carlos Gonzalez Flores Iberdrola Generacion, Spain & José del Solar Bermejo Karman Tecnicas Especiales, Spain	Maintenance of brickwork linings and their environmental impact
1100 - 1130	COFFEE	
1130 - 1155	Harald Reichel & Thomas Brown Frenzelit Werke GmbH & Frenzelit North America	Procedures and techniques for planning, repair, retrofit and maintenance of expansion joints and chimney seals for outages
1155 - 1220	John Turner John Turner Eng'g Consultants, UK	The CICIND Maintenance Manual
1220 – 1245	Bill Mathay Nickel Development Institute, USA	Stainless Steels and Nickel Alloys for Air Pollution Control and Exhaust Gas Systems
1245 - 1400	LUNCH	
1400 – 1425	Tim Waylett Eclipse Engineering, USA	The integration of computer packages for seamless design
1425 – 1450	Sami Kilic Computing Research Institute, Purdue University, USA	Modelling the events of September 11 Advancing knowledge of fluid-structure interaction
1450 – 1520	COFFEE	
1520 – 1605	Sami Kilic Computing Research Institute, Purdue University, USA	Computational analysis of reinforced concrete shells and the influence of reinforcement at the openings ( <i>CICIND sponsored research project</i> )
1605 - 1620	Paul Freathy CICIND	The Internet as a source of design information
1620 – 1630	DISCUSSION & CLOSING REMARKS	



**DRAFT TECHNICAL PROGRAMME**  
**59th Meeting, 24/25 April, 2003**

Flamingo Hilton Hotel, Las Vegas  
 (visitors and non-members welcome)

<b>Friday 25TH APRIL</b>		
0930 - 0955	Prof. Barry Vickery U of Western Ontario, Canada	Design considerations for tuned-mass-dampers on steel chimneys
0955 – 1020	Henk van Koten Flow Engineering , Netherlands	Cross-wind movements of concrete chimneys and damping of steel chimneys
1020 - 1045	Gilles Oudin Ferbeck & Vincent/ Multitech, France	Repair of a vibrating chimney of unknown properties using a liquid damper
1045 - 1115	COFFEE	
1115 - 1140	Steve Reid Industrial Environmental Systems, USA	Presentation about the installation of a unique stack
1140 – 1205	Arun Bhowmik & colleagues Hamon Custodis, USA	150 ft extension of a 200 ft chimney involving reinforcement of the shell, liner modification, and major foundation renovation, all with only 2 days of outage of this cement plant.
1205 – 1230	Riekie Coetzee C3 Specialists, South Africa	Creep damaged brick flues - To repair or not?
1230 – 1300	CLOSING DISCUSSION & REMARKS	CICIND President, John Sowizal
1300 – 1400	LUNCH	
Friday 1400-1500	<b>CICIND NORMAL GENERAL ASSEMBLY</b> Members Only	



# CICIND

59th Meeting  
Las Vegas  
24/25 April, 2003

## PROVISIONAL SOCIAL PROGRAMME

### WEDNESDAY 23 APRIL

**All:** Welcome Cocktail Party at Flamingo Hilton hotel. An evening of drinks, snacks and good company, courtesy of our hosts Hamon Custodis, Inc.

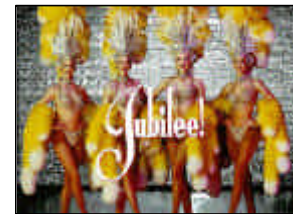
- Free to Delegates and their Guests

### THURSDAY 24 APRIL

**Partners:** *Las Vegas City Highlights*, this 3.5 hour private tour includes Old Las Vegas tour (Fremont Street), tour of the strip, entrance to the Liberace Museum and shopping at the Venetian. - **US\$ 65**

**All:** *Gala Dinner / Las Vegas Show* – An “American” dinner will be held in a private room at the Flamingo Hilton hotel. An optional extra is to walk across the street after dinner and take in the fabulous, traditional Las Vegas show at Bally’s Hotel. Jubilee is a long-running and ever-popular extravaganza with show-stopping musical numbers and dancers.

- **US\$ 90** (dinner, including wine) - **US\$ 60** (optional Jubilee show)



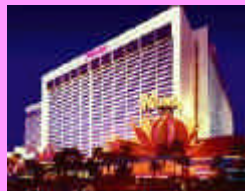
### FRIDAY 25 APRIL

**Partners:** *Red Rock Canyon* – A popular “get-away” place, located 15 miles west of Las Vegas. Named after the striking red sandstone formations along the small valley, Red Rock is a magnificent place to visit. The Paiute Indians once inhabited this area, and it is still home to herds of wild horses, burros, bighorn sheep and various other desert animals. This 5-6 hour public tour includes Visitor Centre, scenic drive and a stop at Bonnie Springs, Old Nevada. Lunch is included. - **US\$ 65**



### SATURDAY 26 APRIL

**All:** *The Hoover Dam / Lake Mead* - This full day tour takes us to one of the engineering wonders of the world, the Hoover Dam. Marvel at the dam from observation decks and get information about its construction at the Visitor Centre. A light lunch is included and then on to Lake Mead, where we take a relaxing cruise on an authentic paddle wheel boat, The Desert Princess. - **US\$ 85**



The Flamingo sits in the heart of the Strip, at Las Vegas Boulevard and Flamingo Road. The original Flamingo Hotel was built in 1946 by Benjamin "Bugsy" Siegel, as the predecessor to modern commercial gambling in Las Vegas. All that now remains in tribute to the Chicago mobster is a small plaque in the rose garden behind the casino, Bugsy's Deli, and Bugsy's Celebrity Theater named in his honour. In its place a modern, comfortable hotel with spacious rooms and excellent amenities. The pool area is a water wonderland, with lagoons, waterfalls, lush foliage, and five pools. It even has a 15-acre wildlife habitat with its macaws, Chilean flamingos, swans, cockatoos, water turtles, and African penguins.

# CICIND 59<sup>th</sup> Meeting in Las Vegas, Nevada, USA : 24/25 APRIL 2003

**Register by fax or online at <http://programs.regweb.com/vtstravel/cicind>**

VTS Travel  
860 Wyckoff Avenue  
Mahwah, New Jersey 07430 USA  
ATTN: Lynn Phelan  
Laura Iacono

Phone: 800.919.0075 || 201.847.2280  
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Email: [lphelan@vtstravel.com](mailto:lphelan@vtstravel.com)  
[liacono@vtstravel.com](mailto:liacono@vtstravel.com)  
Web: [www.vtstravel.com](http://www.vtstravel.com)

Name: \_\_\_\_\_ Partner/Guest Name: \_\_\_\_\_  
*(Names as they appear in your passport, BLOCK CAPITALS)*

Company: \_\_\_\_\_ Telephone: \_\_\_\_\_  
Address: \_\_\_\_\_ Fax: \_\_\_\_\_  
\_\_\_\_\_  
E-mail: \_\_\_\_\_  
\_\_\_\_\_  
Mobile # \_\_\_\_\_

**HOTEL:** *(Payment required in advance, prices are ROOM ONLY, including 9% room tax)*

FLAMINGO LAS VEGAS		Indicate number of weekday & weekend nights	
Arrival Date:	Departure Date:	Nights	Price
3555 Las Vegas Blvd South Las Vegas, NV 89109 Tel: +1.702.733.3100 Fax: +1.702.733.3528	<b>Rates:</b> per room per night		
	Weekday Sun-Thur: US\$109 / night		
	Weekend Fri & Sat: US\$163.50 / night*		

*\*the hotel requires that if you stay over Friday night you also stay (or at least pay) for Saturday night*

Any special requirements? (eg special diets, disabilities) \_\_\_\_\_

**SOCIAL PROGRAMME:**

EVENT	DATE	Price per person	No. of persons	Total price
Welcome Cocktail Party	Wed, 23 April	FREE		
2 x lunches, etc -Technical Meeting	24/25 April	US\$ 70**		**
Partners Las Vegas Highlights	Thur, 24 April	US\$ 65		
Gala dinner	Thur, 24 April	US\$ 90		
Optional 'Jubilee' show	Thur, 24 April	US\$ 60		
Partners Half-Day Red Rock Canyon	Fri, 25 April	US\$ 65		
Hoover Dam Tour – Sat	Sat, 26 April	US\$ 85		
<b>GRAND TOTAL (Social &amp; Accommodation)</b>				

*\*\*A buffet lunch for all meeting delegates is being provided so this item is NOT optional*

**HOW TO PAY:** *remember you can register and pay online at <http://programs.regweb.com/vtstravel/cicind>*

Please pay BOTH the hotel and social event costs in full with registration (tick the method you are using)

By Bank Transfer in **US Dollars**. Please include the reference "CICIND59" and your name with the payment for identification. **All bank charges MUST be paid by sender.**

Name of Bank: Interchange Bank  
Branch (BSB) No: 021205871  
Account Name: VTS Travel Enterprises, Inc.  
Account Number: 18102530

By credit card using the following card types: Visa/MasterCard/American Express/Diners

Card No. \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Account Name: \_\_\_\_\_ Signature: \_\_\_\_\_

