



# ISAP Technical Committee APE Asphalt Pavement & Environment

Chairman: Manfred N. Partl (*EMPA & KTH*)

Secretary: Gabriele Tebaldi (*UNIV. OF PARMA*)



Materials Science & Technology



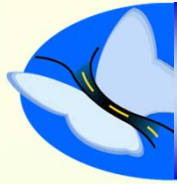
University of Parma

<http://www.ape-isap-tc.unipr.it>

Annual Meeting 23<sup>rd</sup> Jan 2011, Washington



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# Agenda

1. **Welcome, Introduction, Call of Participants**
2. **Approval of last meeting minutes**
3. **General review of last year activities.**
  - Workshops
  - Sponsored Conference Sessions
4. **Members situation.**
  - Actual members
  - Strategies to increase the members number.
5. **AAPT International Forum**
6. **WG activities: last year activities report and next year plans**
  - WG 1 - Hot Recycling of RAP (*Peter Sebaaly*)
  - WG 2 - Cold Recycling of RAP (*Kim Jenkins*)
  - WG 3 - Life Cycle Analysis (*John Harvey*) ← Nick Santero
  - WG 4 - New Techn. & Special Environ. Aspects for Asphalt Pav. (*Gordon Airey*)
  - → WG 5 - Shingle Recycling (*Gerry Huber*)
  - WG 6 - By-products & Second. Mat. Recycling in Asphalt Pav. (*Dariusz Sybilski*)
7. **Fortaleza 2012 Conference**
  - Sessions organization
  - Steering committee; Scientific committee
  - Time planning
8. **Next meeting.**
9. **Every other business**

Presentation by Augusto Cannone, Mihai Marasteanu (University of Minnesota)

Nick Santero

Gabriele Tebaldi

Manfred Partl



# ISAP TC APE Asphalt Pavements & Environment TG Reports

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## **WG 1 Hot Recycling of RAP**

Chair: **Peter Sebaaly**

## **WG 2 Cold Recycling of RAP**

Chair: **Kim Jenkins**

## **WG 3 Life cycle analysis**

Chair: **John Harvey** (*University of California, Davis*)

## **WG 4 New technologies and special environmental aspects on asphalt pavements (solar and thermal energies, noise reduction, ....)**

Chair: **Gordon Airey** (*University of Nottingham*)

## **WG 5 Shingle recycling**

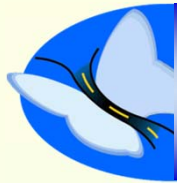
Chair: **Gerry Huber** (*Heritage Research Group*) ←

Presentation by Augusto Cannone, Mihai Marasteanu (University of Minnesota)

## **WG 6 By-products and secondary materials: recycling in asphalt pavement**

Chair: **Dariusz Sybilski** (*IBDM*)





# http://www.ape-isap-tc.unipr.it

## Asphalt Pavements & Environment

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### ISAP - International Society for Asphalt Pavements

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Email contact : isapinfo@comcast.net - Web site: [www.asphalt.org](http://www.asphalt.org)

### 2011 TC Annual Meeting

The 2011 TC annual meeting is scheduled Sunday January 23<sup>th</sup> in Washington D.C., Shoreham Hotel - Council Room from 2:00pm to 5:00pm. The Agenda is available in the section "Documents" [...]



Posted Wednesday 19 January 2011 - 22:55 (read 0 times)

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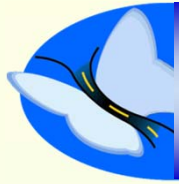
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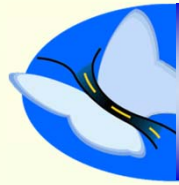


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## Activities/ Workshops 2010

- **Regional Asian Workshop on Cold Recycling**, 2010 October 9<sup>th</sup> in Kuala Lumpur (Malaysia)  
*K. Jenkins, X. Jian, T. Svasdisant, M. Hizam bin Harun*
- **EATA2010** June 15<sup>th</sup>-16<sup>th</sup>, in Parma
  - Workshop, 2010 June 11<sup>th</sup>, in Parma (WG2)  
*A.Grilli, D. Jones. P. Hao*
  - APE TC presence: WG1 and WG2 Meeting
- **International Workshop on Pavement Life Cycle Assessment (LCA)** 2010 May 5<sup>th</sup> -7<sup>th</sup> , at UC– Davis, co-hosted by Caltrans & ITS UC-Berkeley and UC-Davis (ISAP APE was one collaborator)



# ISAP NAGOYA 2010

## August 1<sup>st</sup> ... 6<sup>th</sup> 2010

Hosted by  
International Society for Asphalt Pavements (ISAP)  
Japan Road Association (JRA)  
Chair of Local Arrangement Committee: Yoshiaki Yano

<http://isap-nagoya2010.jp/>

ISAP NAGOYA 2010  
August 1 to 6, 2010

The 11th International Conference on Asphalt Pavements  
NAGOYA, JAPAN

ENTER

INTERNATIONAL SOCIETY FOR ASPHALT PAVEMENTS  
ISAP

INTERNATIONAL SOCIETY FOR ASPHALT PAVEMENTS

ISAP NAGOYA 2010

JAPAN ROAD ASSOCIATION

Japan Road Association

International Society for Asphalt Pavements

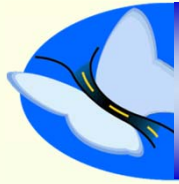
Japan Road Association

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The poster features a central image of Mount Fuji. Below the title, it lists the event details and logos for ISAP and JRA. At the bottom, there are several small images showing various asphalt pavement and infrastructure scenes.

TC APE Session !

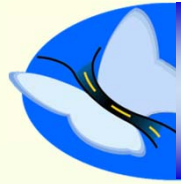




# Sponsored Conference Sessions

- **ISAP Nagoya 2010** August 1<sup>st</sup>-6<sup>th</sup> in Nagoya
  - Sess.1A Sustainable Life Cycle of Asphalt Materials Aug 2<sup>nd</sup>
    - J. Voskuilen et al*, New life for Porous Asphalt RAP in new Porous Asphalt
    - J. De Visscher et al*, Asphalt Production at Reduced Temperatures and the Impact on Asphalt Performance
    - Ch. de La Roche*, Results of interlaboratory tests on a laboratory bituminous mixtures ageing protocol
  - Sess. 2A Environmentally Active Multifunctional Pavements Aug 2<sup>nd</sup>
    - N. Inaba et al*, Anti-Freezing Pavement Using Hot Rolled Asphalt Technology,
    - K. Takahashi et al*, Road Temperature Mitigation Effect of Water Retentive Material Using Blast Furnace Slag
    - X. Xie et al*, Effects of the Asphalt Permeable Pavement on Highway Runoff





## Planned Actions in 2011...

- **International workshop on LCA and Civil engineering, 2011**  
November in Nantes, IFSSTAR
- **International Workshop on Cold Recycling, during CAPSA 2011,**  
September 11..14, South Africa
- **ISAP 2<sup>nd</sup> APE Symposium 2012, Fortaleza, October 3...5**







# Fortaleza (Previsional Plan)

	Day1	Day2	Day3
8:30		Plenary	Plenary
10:30		Forum	Plenary
12:30		Poster	
15:30	Lunches	Poster	Poster
17:30	Plenary	Plenary	Plenary
	Plenary	Plenary	Plenary
			Banquet