

CAPSA '11

ROADS OF THE FUTURE

"Living within the carrying capacity of our planet"

Presentation to RPF – 10 November 2011



The conference will examine and demonstrate the commitment and capacity of producers and users of bituminous products to advance sustainable practice through the reduced reliance on non-renewable resources, care of the environment and assist in the sound development of society.



10th CONFERENCE ON ASPHALT PAVEMENTS FOR SOUTH AFRICA



10th CAPSA - September 11 to 14 - 2011

CAPSA was held on a five yearly basis until the 2004 Conference in Sun City

1969 – Durban, South Africa
1974 – Durban, South Africa
1979 – Durban, South Africa
1984 – Cape Town, South Africa
1989 – Mbabane, Swaziland
1994 – Cape Town, South Africa
1999 – Victoria Falls, Zimbabwe
2004 – Sun City, South Africa

2007 – Gaborone, Botswana

Interim Conference

Theme – Consolidating best practice

- To bring CAPSA in line with 4-yearly conference calendar of events
- In line with policy decision taken in 1984 of alternating conference venues between South Africa and other countries in the region.

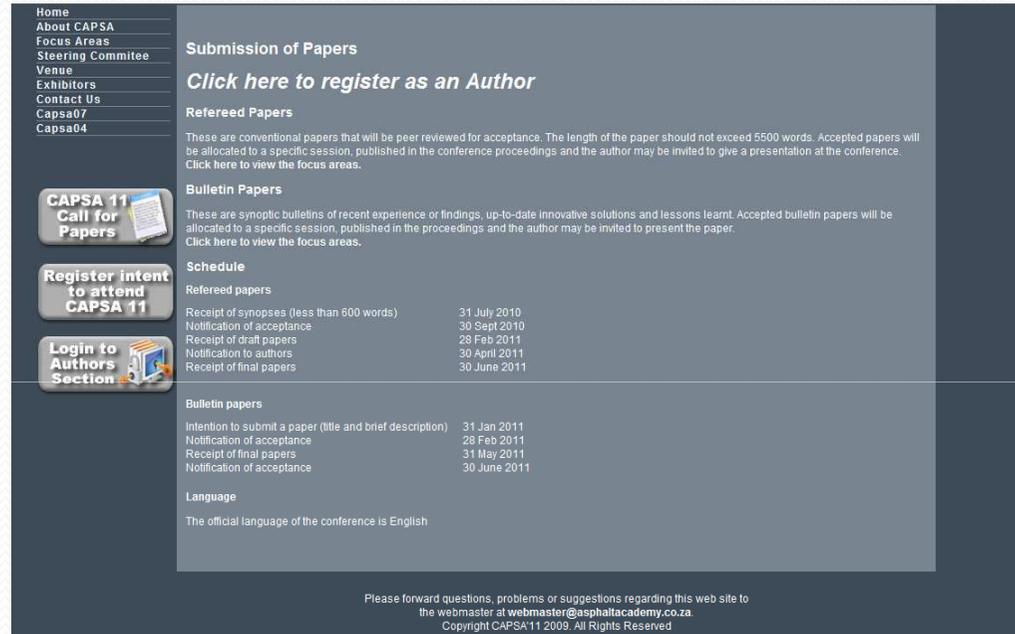


10th CONFERENCE ON ASPHALT PAVEMENTS FOR SOUTH AFRICA



Format of the Conference

- Back to the traditional CAPSA format
 - Call for Papers for formal review
 - Bulletin papers for publication in the conference proceedings.
- **Refereed Papers**
- Receipt of synopses (less than 600 words) 31 July 2010
- Notification of acceptance 30 Sept 2010
- Receipt of draft papers 28 Feb 2011
- Notification to authors 30 April 2011
- Receipt of final papers 30 June 2011
- **Bulletin papers**
- Intention to submit a paper (title and brief description) 31 Jan 2011
- Notification of acceptance 28 Feb 2011
- Receipt of final papers 31 May 2011
- Notification of acceptance 30 June 2011



Home
About CAPSA
Focus Areas
Steering Committee
Venue
Exhibitors
Contact Us
Capsa07
Capsa04

Submission of Papers

[Click here to register as an Author](#)

Refereed Papers

These are conventional papers that will be peer reviewed for acceptance. The length of the paper should not exceed 5500 words. Accepted papers will be allocated to a specific session, published in the conference proceedings and the author may be invited to give a presentation at the conference. [Click here to view the focus areas.](#)

Bulletin Papers

These are synoptic bulletins of recent experience or findings, up-to-date innovative solutions and lessons learnt. Accepted bulletin papers will be allocated to a specific session, published in the proceedings and the author may be invited to present the paper. [Click here to view the focus areas.](#)

Schedule

Refereed papers	
Receipt of synopses (less than 600 words)	31 July 2010
Notification of acceptance	30 Sept 2010
Receipt of draft papers	28 Feb 2011
Notification to authors	30 April 2011
Receipt of final papers	30 June 2011

Bulletin papers	
Intention to submit a paper (title and brief description)	31 Jan 2011
Notification of acceptance	28 Feb 2011
Receipt of final papers	31 May 2011
Notification of acceptance	30 June 2011

Language

The official language of the conference is English

Please forward questions, problems or suggestions regarding this web site to the webmaster at webmaster@asphaltacademy.co.za
Copyright CAPSA11 2009. All Rights Reserved



10th CONFERENCE ON ASPHALT PAVEMENTS FOR SOUTH AFRICA



Technical Programme

Opening/keynote session

- A (broad based) global perspective of current and future thrusts/endeavours to underpin a stable society living within the resources of earth
- Tackling Africa's \$93billion infrastructure deficit to redress the region's income inequality (e.g. World Bank)
- Scope for cooperation between the public and private sectors to advance sustainable practice in the bituminous product industry (South African road authority/agency)



10th CONFERENCE ON ASPHALT PAVEMENTS FOR SOUTH AFRICA



Technical Programme

Focus area 1 – Reduced energy consumption in the construction of bituminous layers

- Coordinators: K Naidoo, G Catin
- Lower temperatures in the mixing and laying of durable asphalt and bitumen stabilised materials
- Re-use and recycling of asphalt
- Potential for the use of industrial and demolition waste in road layers
- *NOTE: This session could be split to cover reduced temperature applications and re-use/recycling separately should the offers of papers justify it.*



10th CONFERENCE ON ASPHALT PAVEMENTS FOR SOUTH AFRICA

Technical Programme

Focus area 2 – Reducing the impact of road building activities on the environment

- Coordinator: S Solomons
- The development and use of life cycle inventories and life cycle assessments for bituminous pavement layers
- Reduction and management of harmful emissions associated with bituminous products
- Pavement material selection to lessen the depletion of natural resources
- Proper disposal of bituminous waste
- Asphalt surfaces for improved fuel economy and mitigation of road noise



SURFACE DEEP Bitumen emulsions' ability to be applied cold and without the use of hydrocarbon fuel for heating drastically reduces the release levels of harmful gasses into the atmosphere.



CAPSA '11

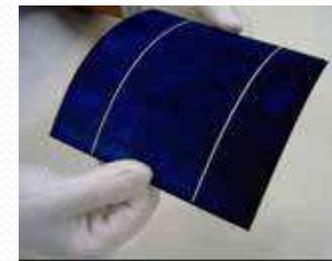
10th CONFERENCE ON ASPHALT PAVEMENTS FOR SOUTH AFRICA



Technical Programme

Focus area 3 – Designing for extended performance of bituminous layers

- Coordinator: H Marais, K Louw
- The introduction of mix design procedures for improved durability and performance characteristics of asphalt
- Ultra thin asphalt layers, spray seals and microsurfacing for high performance areas
- Designing wearing courses to meet road user needs in terms of comfort and safety.
- *NOTE: This session could be split, dealing with hot/warm mix and ultra thin asphalt on the one hand and spray seals and microsurfacing on the other should the offers of papers justify it.*



Technical Programme

Focus area 4 – Flexible pavement systems for extended life

- Coordinator: B Verhaeghe
- Balanced structural pavement design procedures for a broad range of operating conditions
- Optimal design or rehabilitation strategies and total whole life cost assessments for roads in both urban and rural locations
- Methods and procedures for assessing the costs of periodic interventions
- Impact of climate change on road pavements and evolving adaptation strategies
- Long life asphalt pavements to minimise frequent interventions and disruptions to traffic flow.



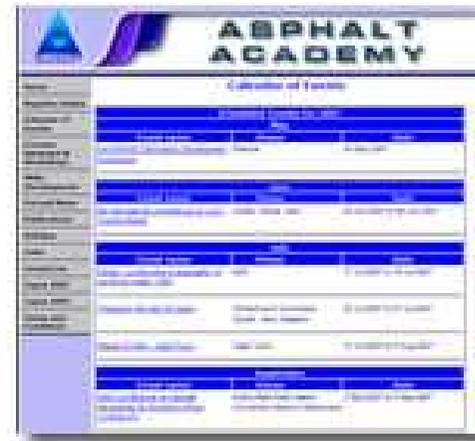
10th CONFERENCE ON ASPHALT PAVEMENTS FOR SOUTH AFRICA



Technical Programme

Focus area 5 – Meeting the needs of society

- Coordinator: A Taute
- Exploiting bituminous product technology to provide sustainable employment, to improve access and mobility and to optimise whole life costs.
- Economic sustainability through the procurement and management of bituminous roads
- Meeting the needs for capacity and skills development in the bituminous products industry
- Bituminous roads and pathways as a means to advance equity in the production and sale of goods and services.
- Ensuring the safety of road users and employees during roadworks



10th CONFERENCE ON ASPHALT PAVEMENTS FOR SOUTH AFRICA



CAPSA 2011 Registration

- *Early bird registration discount:* 1 December 2010 to 28 February 2011 (R7,500.00)
- *Regular registration cost:* 1 March to 30 June 2011 (R8,750.00)
- *Late registration cost:* 1 July to 5 September 2011 (R10,000.00)
- *Late/penalty registration cost (+additional R2,000.00):* from 6 September 2011 (R12,000.00)



10th CONFERENCE ON ASPHALT PAVEMENTS FOR SOUTH AFRICA



CAPSA 2011 Accommodation

Champagne Sports Resort Hotel Rates (inclusive of bed and breakfast)

R1,500 per person single per night

R750 per person sharing per night



Champagne Sports Resort Chalet Rates (inclusive of bed and breakfast)

R2,600 per two bedroom unit per night

R3,900 per three bedroom unit per night



10th CONFERENCE ON ASPHALT PAVEMENTS FOR SOUTH AFRICA



CAPSA 2011 Exhibitions

- The major sponsors will get first choice of the exhibition spaces
- Registration and choice of stand will be done online
- Exhibitors get 1 free registration and one 3 x 3m booth
- Book early to avoid disappointment



10th CONFERENCE ON ASPHALT PAVEMENTS FOR SOUTH AFRICA



CAPSA 2011 Sponsorships

- Gala Dinner and Show has been taken
- Ice Breaker has been taken
- Memory Sticks have been taken
- Conference Folders have been reserved, but not confirmed

Still available (also listed on the website)

- Platinum R75,000 (2 exhibition booths, 3 registrations, full page, full colour ad in conference programme/booklet, as well as other items)
- Gold R50,000 (1 exhibition booth, 3 registrations, half page, full colour ad in conference programme/booklet, as well as other items)
- Silver R30,000 (1 exhibition booth, 3 registrations, full page, full colour ad in conference programme/booklet, as well as other items)



10th CONFERENCE ON ASPHALT PAVEMENTS FOR SOUTH AFRICA



CAPSA 2011 – What to do!!

- Register on the web site
 - Registrations open by end of November
- Book accommodation - by end of November
- Check out for information regarding bulletin papers and poster sessions



10th CONFERENCE ON ASPHALT PAVEMENTS FOR SOUTH AFRICA

