



## Programme

Venue: Pilanesberg A

07h00 – 08h00	Registration	Pilanesberg Foyer
<b>Plenary 1-1</b>		<b>Chair: G Tebaldi</b>
08h00 – 08h10	Welcome (local) <i>KJ Jenkins, ISAP APE Symposium 2015 Co-chairman</i>	
08h10 – 08h30	ISAP APE TC <i>MN Partl, ISAP APE TC Chairman</i>	
08h30 – 09h30	Keynote: LCA, Sustainability and Resilient Structures <i>JT Harvey, UC Davis</i>	
09h30 – 10h00	Q & A (Panel discussion) <i>KJ Jenkins (Chair), JT Harvey (Lead) Panel : MFC van de Ven, CER, E Beuving, R Vos</i>	
<b>10h00 – 10h30</b>	<b>Refreshments</b>	
<b>Plenary 1-2: Cold Recycling Technology &amp; Mix Design</b>		<b>Chair: KJ Jenkins</b>
10h30 – 11h00	Mix Design of BSMs in South Africa and Abroad <i>KJ Jenkins, Stellenbosch Univ. (presented by DC Collings, Loudon Int.)</i>	
11h00 – 11h20	Active Filler Effect on BSM foam <i>G Betti, Univ Pisa (presented by G Tebaldi)</i>	
11h20 – 11h40	A Closer Look at Foamed Bitumen <i>B Hailesilassie, Royal Institute of Technology, KTH</i>	
11h40 – 12h00	Mechanical Behaviour of cem-bit treated materials <i>M Meocci, Univ Florence</i>	
12h00 – 12h15	Influence of Temperature on BSM <i>V Papavasiliou, NTUA</i>	
12h15 – 12h30	Tolerances For Inhomogeneity <i>K Mollenhauer, Univ Kassel</i>	
<b>12h30 – 13h30</b>	<b>Lunch</b>	
<b>Plenary 1-3: New, Innovative Technologies</b>		<b>Chair: LJ Ebels</b>
13h30 – 14h00	Innovations in Asphalt <i>S Erkens, TU Delft</i>	
14h00 – 14h30	ASPARi – benefits of this programme and impact on roads industry <i>S Miller, Univ Twente</i>	
14h30 – 14h50	Mechanical Performance of Asphalt after Induction Heating <i>M Bueno, EMPA (presented by Manfred N Partl)</i>	
14h50 – 15h10	Damage quantification of seals using FEM <i>J Gerber, Stellenbosch Univ</i>	
15h10 – 15h30	Discussion	
<b>15h30 – 16h00</b>	<b>Refreshments</b>	

**Speciality 2-1: Innovation and New Technologies***Chair: LJ Ebels***Speciality 2-2: Lifecycle Assessment Workshop***Pilanesberg A**Eagle*

16h00 – 16h15	Performance Evaluation of Mix with RAP & Cem <i>ML Nguyen, IFFSTAR (presented by F Olard)</i>
16h15 – 16h30	Vegetable agent Recycling Oil for RAP mix + Hot Recycling <i>S Mangiafico, ENTEPE</i>
16h30 – 16h45	Asphalt Mixing and Compaction Properties with Silane <i>A Cannonne Falchetto, Univ Brunswieg (via Skype)</i>
16h45 – 17h00	Q & A

Life Cycle Assessment LCA  
Facilitator: JT Harvey