



# “The Cultural Authority of Science - Common Sense in Comparison”

Workshop Programme

16-18 September 2015



DST-NRF Centre of Excellence in  
Scientometrics and Science,  
Technology and Innovation Policy



South African Research Chair  
in Science Communication



Day 1: Wednesday, 16 September 2015

## RESULTS AND REFLECTION

08h Arrival and coffee  
30

09h Welcome & introduction

- 00
- Prof Johann Mouton (Director, CREST, Stellenbosch University)
  - Prof Peter Weingart (DST-NRF Research Chair in Science Communication, Stellenbosch University)

10h Session chair: Prof Johann Mouton

00 Project MACAS - Mapping the cultural authority of science across Europe and India

- *Creating a system of indicators of science in society: potential progress and challenges* - Prof Martin W Bauer (London School of Economics, UK)
- *Intensity of science news in comparison* - Dr Petra Pansegrau (Bielefeld University, Germany)
- *Survey indicators of the 'scientific temper'* - Prof Rajesh Shukla (Institute for Human Development, New Delhi, India)

Questions, comments, discussion

12h Lunch  
00

13h Session chair: Prof Peter Weingart

00 The 'scientific temper' in India - A concept in discourse

- Key note by Dr Gauhar Raza (CSIR, New Delhi, India)

14h Session chair: Dr Petra Pansegrau

00 The Public Conversation of Science

- *Framing science in the media* - Dr Gergana Popova (University of London, UK) & Dr Petra Pansegrau
- *Science in the media: thematic flow in comparison, 1990-2013* - Dr Bankole Falade (London School of Economics, UK); Dr Jörg Rösing (Bielefeld University, Germany); Dr Petra Pansegrau & Prof Martin Bauer
- *Science in Indian Media, 1970-2014* - Prof Rajesh Shukla

Discussion: towards a cultural comparison of public discourse

16h Coffee/Tea Break  
00

16h Session chair: Prof Martin Bauer

30 Concurrent Science Media Monitoring

- *The Italian system of modelling topics and controversy* - Prof Federico Neresini & Dr Andrea Lorenzet (University of Padua, Italy)
- *Corpus construction and topic modelling for Turkish science news* - Prof Ahmet Suerdem (Istanbul Bilgi University, Turkey)
- *Intrinsic and extrinsic science news in Spain* - Prof Carlos Figuerola (University of Salamanca, Spain)

19h Dinner at ASARA Wine Estate

- 00
- Guest of honour - Minister Naledi Pandor (Department of Science and Technology, Government of South Africa)

MACAS and Beyond

09h *Session chair: Prof Martin Bauer*

30 **Attitudes to science in comparative perspective**

- *Cognitive polyphasia: Nigerian attitudes to science* - Dr Bankole Falade
- *Attitudes to science and para-science in Taiwan* - Dr Yuh-Yuh Li (National Sun Yat-sen University, Taiwan)

011 **Attitudes cont.**

h00

- *Structures of science attitudes across China* - Dr Eric Xiang Li (Beijing)
- *Indicators of science culture/scientific temper for India* - Prof Rajesh Shukla

12h **Lunch**

30

13h *Session chair: Prof Rajesh Shukla*

30 **Attitudes (continued)**

- *Attitudes to science in the World Value Survey - the longitudinal evidence* - Dr Fabienne Crettaz von Roten (University of Lausanne, Switzerland)
- *Long-term change/stability in the US attitudes, 1979-2010* - Prof John Besley (Michigan State University, USA)
- *Attitudes to science in Brazil since 1987: benchmark for Latin America* - Dr Yuriy Castelfranchi (Federal University of Minas Gerais, Brazil) & Dr Carmelo Polino, Centro REDES, Argentina
- *The structure of attitudes to science across Europe* - Prof Ahmet Suerdem & Prof Martin Bauer

**Discussions**

16h **Coffee/Tea Break**

00

16h *Session chair: Prof Johann Mouton*

30 **The authority of science revisited**

- *Key note by Prof Peter Weingart*

**Closing / summarizing remarks**

- Prof Peter Weingart, Prof Johann Mouton, Prof Martin Bauer, Dr Petra Pansegrau & Prof Rajesh Shukla

19:3 **Dinner: Spit braai @ STIAS**

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Friday, 18 September 2015 (morning)

**CREST AND THE INTERNATIONAL NETWORK: DEVELOPING SCIENCE COMMUNICATION RESEARCH  
IN SOUTH AFRICA**

09:00	<i>Session chair: Dr Heidi Prozesky, CREST</i> <b>Welcome</b> <ul style="list-style-type: none"><li>• Prof Johann Mouton &amp; Prof Peter Weingart</li></ul>
09:15	<b>Brief Update on MACAS Project (for new delegates)</b> <ul style="list-style-type: none"><li>• Prof Martin Bauer</li></ul>
09:45	<b>Science engagement strategy in South Africa</b> <ul style="list-style-type: none"><li>• Dr Thomas Auf der Heyde (Deputy Director-General: Department of Science and Technology, South Africa)</li></ul>
10h30	<b>Coffee/Tea Break</b>
11:00	<i>Session chair: Marina Joubert, CREST</i> <b>Science and culture in South Africa</b> <ul style="list-style-type: none"><li>• Dr Hester du Plessis (Mapungubwe Institute for Strategic Reflection, South Africa)</li></ul>
11:30	<b>Public attitudes to science in South Africa</b> <ul style="list-style-type: none"><li>• Dr Vijay Reddy (Human Sciences Research Council, South Africa)</li></ul>
12:00	<b>Sources of information about science in South Africa</b> <ul style="list-style-type: none"><li>• Dr Michael Gastrow (Human Sciences Research Council, South Africa)</li></ul>
12:30	<b>Group discussion</b>
12h45	<b>Concluding thoughts and wrap-up</b> <ul style="list-style-type: none"><li>• Prof Peter Weingart</li></ul>
13h00	<b>Lunch</b>

**SEPARATE PROGRAMME FOR FRIDAY AFTERNOON SEMINAR WITH THE THEME: A GLOBAL  
SNAPSHOT OF SCIENCE COMMUNICATION RESEARCH  
THE AFTERNOON SEMINAR IS FROM 14:00 - 17:15. ALL MACAS DELEGATES WELCOME**