



International Year of
CHEMISTRY
2011

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FOR ADULTS AND GRADE 12 LEARNERS

Mini-Lectures:

**“from Molecules, Malaria, Mineral Water & Medicine to Cosmetics,
Crystals & Computers”**

Tour-de-Chemistry:

“A Behind-the-Scenes Glimpse of Chemical Research at UCT”

Chemistry-in-Action:

“Exciting Experiments Demonstrated & Explained!”

Keynote Lecture:

“Chemistry Between Ourselves: Insights into our Behaviour”

Chemistry Intervarsity/Interschool Quiz

FOR KIDS (AGED 5-10)

Chemistry, Cupcakes and Cookies:

“Fun Demonstrations for Kids”

23 June to 5 July 2011

RESERVATIONS:

shanaaz.smith@uct.ac.za or 021 650 5179

FOR MORE INFORMATION VISIT:

www.chemistry.uct.ac.za

INTERNATIONAL YEAR OF CHEMISTRY @ UCT

THURSDAY 23 JUNE 2011

17h30 to 18h00	Informal Cheese/Wine/Snacks and Official Opening	P.D. Hahn Foyer
18h00 to 19h30	Mini-Lectures	P. D. Hahn Lecture Theatre 1
18h00	<i>A Short History of Malaria Chemotherapy: from Pigments & Priests to Modern Drug Discovery</i>	<i>Prof. Timothy J. Egan</i>
18h20	<i>Chemistry in Health & Disease: Marvellous and Malevolent Metals</i>	<i>Prof. Graham E. Jackson</i>
18h40	<i>Chemistry and IT: Looking into the Heart of the Molecule using High Performance Computing</i>	<i>Prof. Kevin J. Naidoo</i>
19h00	<i>Questions/Discussion</i>	

MONDAY 27 JUNE 2011

10h00 to 15h30	Tour-de-Chemistry: A Behind-the-Scenes Glimpse of Chemical Research at UCT	
10h00-11h00	<i>Tour #1</i>	
11h15-12h15	<i>Tour #2</i>	<i>Ticket holders to meet guide in South Foyer (Level 4), P.D. Hahn Building</i>
11h30-12h30	<i>Tour #3</i>	<i>Tea/Coffee /Biscuits available before & after tours, Chemistry Department</i>
14h00-15h00	<i>Tour #4</i>	<i>Tearoom (Level 5)</i>
14h15-15h15	<i>Tour #5</i>	
14h30-15h30	<i>Tour #6</i>	
17h30 to 19h30	Mini-Lectures	P. D. Hahn Lecture Theatre 1
17h30	<i>Informal Cheese/Wine/Snacks</i>	P.D. Hahn Foyer
18h00	<i>Chemistry of Garlic: From Smell to Well</i>	<i>Prof. Roger Hunter</i>
18h20	<i>Chemistry, Beauty & Grooming</i>	<i>Dr Anwar Jardine</i>
18h40	<i>Chemistry of Kidney Stones: Bizarre & Beautiful</i>	<i>Prof. Allen L. Rodgers</i>
19h00	<i>Questions/Discussion</i>	

TUESDAY 28 JUNE 2011

18h00 to 19h30	Keynote Lecture	P. D. Hahn Lecture Theatre 1
18h00	<i>Informal Cheese/Wine/Snacks</i>	P.D. Hahn Foyer
18h30	<i>Chemistry Between Ourselves: Insights into our Behaviour</i>	<i>Assoc. Prof. David W. Gammon</i>
19h15	<i>Questions/Discussion</i>	

WEDNESDAY 29 JUNE 2011

18h00 to 18h30	<i>Informal Cheese/Wine/Snacks</i>	P.D. Hahn Foyer
18h30 to 20h00	Chemistry-in-Action: Exciting Experiments Demonstrated & Explained!	P. D. Hahn Lecture Theatre 1

THURSDAY 30 JUNE 2011

10h00 to 15h30 Tour-de-Chemistry: A Behind-the-Scenes Glimpse of Chemical Research at UCT

10h00-11h00 Tour #7

11h15-12h15 Tour #8

11h30-12h30 Tour #9

14h00-15h00 Tour #10

14h15-15h15 Tour #11

14h30-15h30 Tour #12

*Ticket holders to meet guide in South Foyer (Level 4), P.D. Hahn Building
Tea/Coffee /Biscuits available before & after tours, Chemistry Department
Tearoom (Level 5)*

17h30 to 19h30 Mini-Lectures

P. D. Hahn Lecture Theatre 1

17h30 *Informal Cheese/Wine/Snacks*

P.D. Hahn Foyer

18h00 *Molecules against Meningitis: The Chemistry of Vaccines*

Assoc. Prof. Neil Ravenscroft

18h20 *Chemistry of Mineral Waters – What does it teach us? Healthy Spin-offs or Trendy Rip-offs?*

Prof. Allen L. Rodgers

18h40 *Lessons from the History of Chemistry: Foundations of How We Think*

Assoc. Prof. David W. Gammon

19h00 *Questions/Discussion*

MONDAY 4 JULY 2011

09h00 to 12h30 Chemistry, Cupcakes and Cookies: Fun Demonstrations for Kids

P. D. Hahn Lecture Theatre 1

09h00-10h00 Session #1

"Drop-n-Go"- No adults. Tea/coffee/biscuits available for chaperones/minders,

11h30-12h30 Session #2

Chemistry Department Tearoom (Level 5), P.D. Hahn Building.

18h00 to 18h30 *Informal Cheese/Wine/Snacks*

P.D. Hahn Foyer

18h30 to 19h30 **Chemistry Intersarsity/Interschool Quiz**

Jameson Hall

19h30 to 20h00 *Prize-giving*

TUESDAY 5 JULY 2011

09h00 to 12h30 Chemistry, Cupcakes and Cookies: Fun Demonstrations for Kids

P. D. Hahn Lecture Theatre 1

09h00-10h00 Session #3

"Drop-n-Go"- No adults. Tea/coffee/biscuits available for chaperones/minders,

11h30-12h30 Session #4

Chemistry Department Tearoom (Level 5), P.D. Hahn Building.

17h30 to 19h30 Mini-Lectures

P. D. Hahn Lecture Theatre 1

17h30 *Informal Cheese/Wine/Snacks*

P.D. Hahn Foyer

18h00 *Crystal Healing: Solid State Chemistry & Drug Performance*

Prof. Mino R. Caira

18h20 *How Chemistry Contributes to the Safety of Herbal & Traditional Medicines*

Prof. Kelly Chibale

18h40 *The Beauty of Symmetry in Chemistry*

Prof. Susan A. Bourne

19h00 *Questions/Discussion*

ADDITIONAL DETAILS

Entrance is free. However tickets are required for all events. Contact shanaaz.smith@uct.ac.za (tel: 021 650 5179/2712) to make reservations. Further details available at www.chemistry.uct.ac.za.

