

12-15 October 2014: IYCr2014Africa Conference

Sunday		12 October			Title
	12:00	17:30	Registration	Bains Game Lodge	
Session 1			Opening	Bains Game Lodge	
	18:00	18:15		Opening	
	18:15	20:15		Mixer and Dinner	
Monday		13 October			Title
Breakfast	07:00	07:45	Breakfast		
Session 2		Chair:	A Roodt	UFS	
	08:00	08:40	KN1	L Barbour (US)	Establishing crystallography at the Univ. of Stellenbosch
	08:40	09:00	Y1	D Haynes (US)	Towards functional materials from multi-component Xtals
	09:00	09:30	KN2	D Billing (Wits)	Powder XRD in South Africa
	09:30	09:50	Y2	M Fernandez (Wits)	Opportunities for young Crystallographer at Wits & in SA
	09:50	10:20	KN3	A Thalal (UCA)	Crystallography In Morocco
Tea	10:20	11:00	Tea		
Session 3		Chair:	D Billing	WITS	
	11:00	11:30	KN4	S Bourne (UCT)	Adventures in Chemical Crystallography
	11:30	11:50	Y3	A Brink (UFS)	Crystallography in South Africa: thoughts from the young
	11:50	12:20	KN5	J v Rooyen (UCT)	From humble beginnings (Electron Microscopy)
	12:20	12:40	FPY1	4x Flash Posters	Young Scientists (4+1min each)
Lunch	12:45	14:00	Lunch		
Session 4		Chair:	A Thalal	UCA, Morocco	
	14:00	14:30	KN6	J Ngoune (Dschang)	New 3D Coord Polymer Based on the Cu ₃ (1,2,3-
	14:30	15:00	KN7	M Tredoux (UFS)	Mineralogy: Nanoparticles in Geology
	15:00	15:30	KN8	H Boughzala (TEMU)	Crystallography in Tunisia: history and future
Tea	15:30	16:00	Tea		
Session 5		Chair:	J Conradie	UFS	
	16:00	16:30	KN9	Z Yav (UKin, DRC)	Crystallography in the D. R. Congo
	16:30	16:45	Y4	B Kennedy (UFS)	Identifying Minerals in Nanoparticles
	16:45	17:05	Y5	S Kimani (UCT)	Biological Crystallography in Chemistry and More
	17:05	17:25	Y6	C Oliver (UCT)	Challenges for a young crystallographer at UCT
	17:30	17:40	FPY2	3x Flash Posters	Young Scientists (4+1min each)
	17:40	18:30	POSTER SESSION 1		
Dinner	19:00		Dinner		

Tuesday		14 October			
Breakfast	07:00	07:45	Breakfast		
Session 6		Chair:	WD Schubert	UP	
	08:15	09:00	KN10	C Esterhuysen (US)	Building Crystallography at US as female scientist
	09:00	09:20	KN11	O Munro (UKZN)	History and Current Status of XRD Science in UKZN
	09:20	09:50	Y7	B Omondi (UKZN)	Challenges for a young Crystallographer at UJ/ UKZN
	09:50	10:20	KN12	HG Visser (UFS)	History of Crystallography at UFS: Past, Present, Future
	10:20	10:30	FPY3	2x Flash Posters	Young Scientists (4+1min each)
Tea	10:30	11:00	Tea		
Session 7		Chair:	D Visser	UFS	
	11:00	11:20	Y8	P Mangwala (UKin)	Structure Elucidation of Physalins Isolated from Physalis
	11:20	11:50	KN13	E du Plessis (Sasol)	XRD in Industry: applications at SASOL
	11:50	12:10	Y9	R Forbes (Sasol)	Young Scientist's perspective of XRD at Sasol
	12:10	12:40	KN14	M Lee (NMMU)	Electron microscopy: at the Atomic level
	12:40	13:00	I1	D Levendis (Wits)	High Pressure Crystallography (WITS)
Lunch	13:00	14:15	Lunch		
Session 8		Chair:	J Dillen	US	
	14:15	14:45	KN15	A Venter (NECSA)	Neutron Diffraction in South Africa
	14:45	15:30	KN16	P Comba (Heidelberg)	Structure and Function: From Crystallography to ...
	15:30	15:45	FPY4	3x Flash Posters	Young Scientists (4+1min each)
Tea	15:45	17:15	Tea and POSTER SESSION 2		
	17:15	18:00	AGM (Chair: C Esterhuysen)		Meeting of the SA Crystallographic Society
Dinner	19:00		Dinner		
Wednesday		15 October			Title
Breakfast	07:00	07:45	Breakfast		
Session 10		Chair:	H Boughzala	TEMU, Tunisia	
	08:15	08:45	KN17	T Kroon (UFS)	Crystallography and Physics in the South African context
	08:45	09:15	KN18	WD Schubert (UP)	Biological XRD at UP (SA)
	09:15	09:45	I2	M Ntwaeaborwa (UFS)	SAASta NRF: Nanomaterials programme
	09:45	10:00	FPY5	3x Flash Posters	Young Scientists (4+1min each)
Tea	10:00	10:30	Tea		
Session 11		Chair:	DLevendis	Wits	
	10:30	11:00	S1	JCA Boeyens (UP)	Establishing Crystallography at the CSIR and WITS
	11:00	11:30	S2	LR Nassimbeni (UCT)	Crystallography at the University of Cape Town
	11:30	12:00	A Roodt	Closing	
Lunch	12:00	13:30	Lunch		

15-17 October 2014: IYCr2014Africa Summit

Wednesday	15 October		Affiliation		Details
	12:00	14:00	Arrival & Registration: CR Swart		UFS Campus, Bloemfontein
Session S1		Chair:	A Roodt	UFS	Opening of Summit
	14:00	15:30	Rectorate (UFS); T Auf der Heyde (SA DST); S Garcia-Granda (IUCr Exec Comm); G Pillay (SA NRF); JP Ngome Abiaga (UNESCO); M Zema (IYCr2014 of IUCr); A Roodt (ECA)		
Tea	15:30	16:15	Tea		
Session S2		Chair:	M Zema	Pavia/ IUCr	
	16:15	16:45	SK1	S Garcia-Granda (Spain)	History of Crystallography
	16:45	17:00	FPY6	3x Flash Posters	Young Scientists (4+1min each)
	17:00	18:00	POSTER SESSION 3		
Dinner	19:00		Dinner		
Thursday	16 October		Affiliation		Details
Breakfast	07:00	07:45	Breakfast		
Session S3		Chair:	S Garcia-Granda	Oviedo/ IUCr	
	08:15	09:00	SK2	P Kanyankogote (DRC)	Crystallography/ Science in DRC & Central Africa
	09:00	09:30	SK3	A Thalal (Morocco) & H Bougzala (Tunisia)	Overview: Crystallography/ Science in Arabic Africa
	09:30	10:00	SK4	P Steynberg (Sasol)	Crystallography/ Science in Industry
Tea	10:00	10:30	Tea		
Session S4		Chair:	C Esterhuyse & A Roodt		IYCr2014:
	10:30	11:00	SK5	M Zema (IUCr; Italy)	Activities of IYCr2014
	11:00	11:20	SK6	Ngome-Abiaga (Unesco)	UNESCO initiatives in Africa
	11:25	12:45	PANEL DISCUSSION 1		
PANEL DISCUSSION 1: 'Current state of Crystallography / Science in Africa': (UFS SENATE HALL)					
Some questions for PANEL:		Panel:		Young Scientists:	
<ol style="list-style-type: none"> 1. What is the current state? 2. What has Morocco & Tunisia done differently? 3. How was current activity in Francophone countries started? 4. Is it important for Industry? 5. Is it important for Suppliers of Equipment? 6. What has South Africa done differently? 		Auf der Heyde (SA DST); Kanyankogote (DRC); Zema(IUCr); Pillay (SA NRF); SAAStA (NRF); Steynberg (Sasol); Venter (NECSA); Ngome-Abiaga (UNESCO); Taylor (UFS); Antalis (Bruker); Thalal (Morocco); Garcia-Granda (Spain)		Haynes (US; SA); Gitari (Kenia); Mangwala (DRC); Muller (Namibia); Simon (Nigeria); Traore (Mali); Dina (Madagascar); Brink (UFS)	

Lunch	13:00	14:00	Lunch		
Session S5		Chair:	J Venter	UFS	Expanding Crystallography in Africa
	14:00	14:20	SI1	V Smith (US; SA)	TBA
	14:20	14:40	SI2	P Gitari (Kenia)	Establishing Crystallography & Nanotechnology in Kenya
	14:40	15:00	SI3	T Muller (Namibia)	XRD & kinetics: nitrosyl, cyanide & acetonitrile complexes
Tea	15:00	15:30	Tea		
Session S6		Chair:	M Ntwaaeborwa	UFS	
	15:30	16:00	SI4	M Zamxaka (SAASTA)	SAASTA's role in advancement of Science in SA
	16:00	16:15	SI5	R Dina (Madagascar)	Piezoelectric materials from Madagascar by XRD
	16:15	16:45	S16	P Mensah (UFS)	Some perspectives from Science in Ghana
	16:45	17:00	FPY7	6x5min Posters	Young Scientists (4+1min each)
	17:10	18:15	POSTER SESSION 4		
Dinner	19:00		Dinner		
Friday	17 October		Affiliation		Details
Breakfast	07:00	07:45	Breakfast		
Session S7		Chair:	TBA	UFS	
	08:15	08:50	SK7	J Bradley (WITS)	Crystallography for All
	08:50	09:15	SK8	P Antalis (Bruker)	From Supplier to Open Labs in Africa
	09:15	09:35	SI1	D Billing (WITS)	Publishing in IUCr Journals
	09:35	10:00	SI2	D Nyanganyura	ICSU Africa: Action Plan and Science Activities
Tea	10:00	10:30	Tea		
Session S8		Chair:	A Roodt & JP Ngome-Abiaga		PANEL DISCUSSION 2
	10:30	11:30			
PANEL DISCUSSION 2: Way forward for crystallography/ Science in Africa: (UFS SENATE HALL)					
Core questions for PANEL/Actions			Panel:		Young Scientists:
<ol style="list-style-type: none"> 1. Modalities for setting up schemes for Regional Cooperation 2. Setting up of a regional fund for increasing human mobility 3. Regional training centre(s) of crystallography 4. Role of synchrotron /neutron in crystallography 5. Can UNESCO and IUCr help 6. Formation of AfCA 			Ngome Abiaga (UNESCO); Bougzala (Tunisia); Taylor (UFS); Schubert (UP; SA); Kanyankogote (DRC); Zema (IUCr); Ngoune (Cameroon); SAAStA (NRF); Mensah (UFS)		Brink (UFS); Aziz (Sudan); Pretorius (UFS); Nibret (Ethiopia); Laza (Madagascar); Gitari (Kenia); Bungu (UFS & Cameroon); Muswema (DRC); Venter (UFS)
Session S9		Chair:	TBA	TBA	
	11:30	12:15	TBA	TBA	Conclusion / Declaration/ Formation AfCA
Lunch	12:20	14:00	Lunch		Depart