

IYCr2014Africa: CONFERENCE: (CR Swart Auditorium, UFS): 12–15 Oct 2014

Sun 12 Oct			Title	
	12:00	17:30	Registration	Bains Game Lodge
Ses.1			Opening	Bains Game Lodge
	18:00	18:15		Opening
	18:15	20:15		Mixer and Dinner
Mon 13 Oct			Title	
Breakfast	07:00	07:45	Breakfast	
Ses.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	10:30	11:00	Tea	
Ses.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	FPY2	4x Flash Posters Young Scientists (4+1min each)
Lunch	12:45	14:00	Lunch	
Ses.4			Chair: A Thalal	UCA, Morocco
	14:00	14:30	KN6	J Ngoune (Cameroon) Crystallography in Cameroon
	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	
Ses.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	FPY3	3x Flash Posters Young Scientists (4+1min each)
	17:40	18:30	POSTER SESSION 1	
Dinner	19:00		Dinner	
Tue 14 Oct				
Breakfast	07:00	07:45	Breakfast	
Ses.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	FPY4	2x Flash Posters Young Scientists (4+1min each)
Tea	10:30	11:00	Tea	
Ses.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	
Ses.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		
Wed 15Oct		Title			
Breakfast	07:00	07:45	Breakfast		
Ses.9			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		
Ses.10			Chair: D Levendis	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	ARoodt	Closing	
Lunch	12:00	13:30	Lunch		

Schedule: SUMMIT (CR Swart Auditorium, UFS Campus): 15-17 Oct 2014

Wed 15Oct		Affiliation		Details	
	12:00	14:00	Arrival & Registration:	CR Swart UFS Campus, Bloemfontein	
Ses.S1			Chair: A Roodt	UFS	Opening of Summit
	14:00 to 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		
Ses.S2			Chair: M Zema	Pavia/ IUCr	
	16:15	16:45	SK1	S Garcia-Granda (Spain)	History of Crystallography
	16:45	17:00	Flash Posters	3x 5min Posters	Young Scientists (4+1min each)
	17:00	18:00	POSTER SESSION 3		
Dinner	19:00		Dinner		
Thu 16Oct		Affiliation		Details	
Breakfast	07:00	07:45	Breakfast		
Ses.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 Boughzala (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		
Ses.S4			Chairs: C Esterhuysen & 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:	
1. What is the current state?		Auf der Heyde (SA DST); Kanyankogote (DRC); Zema (IUCr); Pillay (SA NRF); SAASta (NRF); Steynberg (Sasol); Venter (NECSA); Ngome-Abiaga (UNESCO); Taylor (UFS);		Haynes (US; SA); Gitari (Kenya); Mangwala (DRC); Muller (Namibia); Simon (Nigeria); Traore (Mali); Dina (Madagascar); Brink (UFS)	
2. What has Morocco & Tunisia done differently?		Antalis (Bruker); Thalal (Morocco); Garcia-Granda (Spain)			
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					
Lunch	13:00	14:00	Lunch		
Ses.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 (Kenya)	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		
Ses.S6		Chair:	M Ntwaeaborwa 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	FPY4	6x 5min Posters	Young Scientists (4+1min each)
	17:10	18:15	POSTER SESSION		
Dinner	19:00		Dinner		
Fri 17Oct			Affiliation	Details	
Breakfast	07:00	07:45	Breakfast		
Ses.S7		Chair:	TBA UFS		
	08:15	08:50	SK6	J Bradley (WITS)	Crystallography for All
	08:50	09:15	SK7	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		
Ses.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:	
1.	Modalities for setting up schemes for Regional Cooperation		Ngome Abiaga (UNESCO);	Brink (UFS); Aziz (Sudan);	
2.	Setting up of a regional fund for increasing human mobility		Bougzala (Tunisia); Taylor (UFS); Schubert (UP; SA);	Nibret (Ethiopia); Laza (Madagascar); Kpomah	
3.	Regional training centre(s) of crystallography		Kanyankogote (DRC); Zema (Nigeria); Gitari (Kenya);	Pretorius (UFS); Bungu (UFS &	
4.	Role of synchrotron /neutron in crystallography		(IUCr); Ngoune	(Cameroon); SAASTa (NRF);Cameroon); Muswema (DRC)	
5.	Can UNESCO and IUCr help		Mensah (UFS)		
6.	Formation of AfCA				
Ses.S9		Chair:	A Roodt	UFS	
	11:30	12:15	A Roodt	UFS	Conclusion / Declaration/ Formation AfCA
Lunch	12:20	14:00	Lunch		
			Depart		