

ImgRad1

Monday 23 September 2013

Oral Presentation (09:00-10:50)

-Conveners: Frikkie De Beer

time	[id] title	presenter
09:00	[39] Opening	
09:50	[1] Imaging with neutrons and X-rays at Necca- an overview	Mr DE BEER, Frikkie
10:10	[4] The Stellenbosch micro Computed Tomography facility	Dr DU PLESSIS, Anton
10:30	[44] Microfocus X-ray Computed Tomography (CT) Facility at WITS	Dr RUBIDGE, Bruce

Oral Presentation (11:30-12:50)

-Conveners: Anton du Plessis

time	[id] title	presenter
11:30	[19] AESOP: A new European and South African partnership - Imaging our past to promote our heritage.	Prof. BRAGA, José
11:50	[2] Imaging experimental bone tool micro-structure: towards an understanding of archaeological bone tool function	Mr BRADFIELD, Justin
12:10	[15] Dental age estimations in a prenatal cadaveric population	Ms HUTCHINSON, Erin
12:30	[21] Evolutionary shifts in the dentitions of the extinct Bond's springbok, <i>Antidorcas bondi</i>	Dr BRINK, James

Oral Presentation (13:30-15:10)

-Conveners: Jakobus Hoffman

time	[id] title	presenter
13:30	[40] NIKON	Dr RUDOLF, Carsten
13:50	[3] Intentional extraction of a third molar in early Homo species <i>Telanthropus capensis</i>	Prof. RIPAMONTI, Ugo
14:10	[23] Does 1st metatarsal cortical thickness distribution in the Dmanisi hominin differ from that of modern humans?	Dr JASHASHVILI, Tea
14:30	[22] The first detailed cranial description of <i>Massospondylus carinatus</i> using a CT scan and 3D digital reconstruction	Ms CHAPELLE, Kimberley
14:50	[28] Virtual preparation of fossil bones from cave deposits in the Cradle of Humankind.	Ms VAL, Aurore

Tuesday 24 September 2013

Oral Presentation (08:30-10:50)

-Conveners: Mabuti Jacob Radebe Radebe

time	[id] title	presenter
08:30	[37] Analysis of voxel data sets with VGStudio MAX	Dr HANDL, Daniela
08:50	[7] Using multiple graphics processing units to register X-ray micro-CT and SEM/EDX images obtained from a copper ore	Mr SHIPMAN, William
09:10	[8] The implementation of MicroCT scanning technology to determine the presence and distribution of scheelite minerals in rock drill core samples	Dr DU PLESSIS, A Mr LE ROUX, Stephan
09:30	[9] Application of microCT in geosciences: geochemistry	Mr MAJODINA, T
09:50	[16] Application of X-Ray CT and QEMSCAN in Geometallurgical study of gold: A Case study of the Witwatersrand gold ore	Mr NWAILA, Glen

Oral Presentation (11:30-12:50)

-Conveners: Robert Nshimirimana

time	[id] title	presenter
11:30	[42] FEI	
11:50	[10] Automatic segmentation of 3D high-resolution image by deformable models	Dr SUBSOL, Gérard
12:10	[13] Investigating the effect of thermal shock on coal	Mr HOFFMAN, Jakobus
12:30	[24] The qualification of coal degradation with the aid of micro-focus computed tomography	Mr VILJOEN, Jacob

Oral Presentation (13:30-15:10)

-Conveners: Lunga Bam

time	[id] title	presenter
13:30	[27] Maize endosperm density measurement with X-ray micro computed tomography (μ CT)	Mrs GUELPA, Anina
13:50	[30] Ontogeny and cranial morphology of the basal carnivorous dinocephalian, Anteosaurus magnificus from the Tapinocephalus Assemblage Zone of the South African Karoo	Mr KRUGER, Ashley
14:10	[32] Characterization of the structure of the retromolar canal using MicroCT - a preliminary report.	Dr GAMIELDIEN, Mohamed Yasin
14:30	[35] "Investigating hominin tool-making capabilities using micro CT scanning of metacarpal bones"	Dr KIBII, JOB
14:50	[31] Characterization of ~248 million years old vertebrate burrows using a non-penetrating imaging technique: photogrammetry	Mr KRUMMECK, William D.

Oral Presentation (15:45-16:45)

-Conveners: Frikkie De Beer

time	[id] title	presenter
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15:45	[25] Morphological studies in forerunners of mammals enhanced by the use of CT-scanning imagery.	Mr VAN DEN BRANDT, Marc
16:05	[20] Evaluation Procedures for Spatial Resolution and Contrast Standards for Neutron Tomography	Mr RADEBE, Mabuti Jacob Radebe
16:25	[26] Radiographic Flaw Detection of a Friction Stir Welded Ti-6Al-4V plate	Dr SIKAKANA, Ike