

- East Gondwana
- West Gondwana
- Post-Paleozoic Pacific Active Margin
- 500-650 Ma Pan African events

**Modern Structural and Metamorphic Techniques to Unravel Secrets of the Pan-African Orogeny**

Stüwe K. and Abu-Alam T.

Karl-Franzens-Universität Graz

6-12 May, 2012

First call

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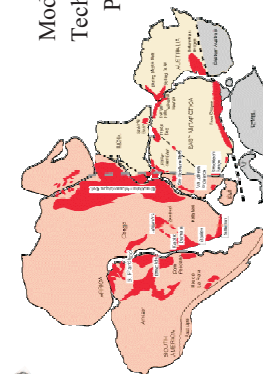
Exhumation processes of  
the Najd Fault System

Der Wissenschaftsfonds.

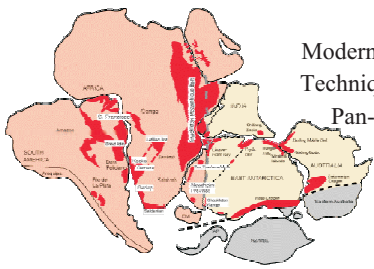
Africa projects



Modern Structural and Metamorphic  
Techniques to Unravel Secrets of the  
Pan-African Orogeny Meeting  
6-12 May  
2012



Institut für Erdwissenschaften,  
Universität Graz, Universitätsplatz 2,  
A-8010 Graz,  
Austria



Modern Structural and Metamorphic  
Techniques to Unravel Secrets of the  
Pan-African Orogeny Meeting  
6-12 May  
2012

### Meeting registration form

Name: .....

Family name: .....

Institute/Department:  
.....

Faculty/Organization:  
.....

University: .....

Country: .....

Member code\*: .....

\* If you are a member in Najd Fault System or Sudan projects and/or any other projects which are run by the Geodynamic Geochemistry Group of Graz University, Please ask Tamer Abu-Alam (tamer.abu-alam@uni-graz.at) for a member code.

### Meeting Description

The Arabian-Nubian Shield is a highly exciting Proterozoic shield: It is relatively unexplored, it holds the largest Proterozoic shear zone system on Earth and it hosts several large gold deposits. This meeting focuses on two aspects: regional geology of the shield and skills for the geologist to unravely the secrets of the Pan-African Orogeny.

The following points will be discussed during the meeting:

- \* Introduction to petrological methods
  - PT determination of metamorphic rocks
  - Phase diagram construction
  - Basics of petrological interpretation of thin sections
- \* Introduction to structural field methods
  - Shear sense indicators
  - Fold interferences
  - Timing relationships
- \* Geodynamic processes of shield formation
  - Core complex formation
  - Lithosphere stratigraphy
  - Stress and strain during orogenesis
- \* Regional geology
- \* Economic geology

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*Welcome to Graz*



### Registration

You can register in the meeting by sending the attached registration form to Institut für Erdwissenschaften, Universtät Graz, Universtätspatz 2, A-8010 Graz, Austria or by the e-mail to Tamer Abu-Alam (tamer.abu-alam@uni-graz.at).

Registration fee is 1000,- Euro which will be paid cash during the meeting. Members of the Najd Fault System project, Sudan project, Chad project and any other projects which are run by the Geodynamic Geochemistry Group of Graz University will be exempt from the meeting fees (ask Tamer Abu-Alam for a member code).

The deadline of registration is 30 April, 2012

