

6 to 8th October, 2009, Dar es Salaam (Tanzania)

Scientific Program

6th October, 2009

Morning Session. Chairman: Dr. I. Marobhe (University of Dar es Salaam)

- 9.00-9.45 am: **Opening Ceremony: Introduction to the Workshop**
- Prof. E. Mbede
Director, Science and Technology, Ministry of Communication, Science and Technology, Dar es Salaam
 - Mr. J. de Labriolle
Ambassador of France, Dar es Salaam
 - Mr. F.S. Magingo
Dean, Faculty of Science, University of Dar es Salaam
 - Mr. J. Albergel
Representative, IRD in Eastern Africa, Nairobi, Kenya
 - Dr. I. Marobhe
Head, Department of Geology, University of Dar es Salaam
 - Mr. B. Buclet,
Representative, Department Support and Formation, IRD, Marseille, France.

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| 9.45-10.30 am: | Gemstones | D. Schwarz (GGL) |
| 10.30-11.00 am: | Types of gemstone deposits | G. Giuliani (IRD) |
| 11.00-11.15 am: | Questions | |
| 11.15-11.35 am: | Nomenclature in gemmology | D. Schwarz |
| 11.35-11.55 am: | Nomenclature in geology | D. Ohnenstetter (CNRS) |
| 11.55-12.10 noon: | Questions | |

LUNCH

Afternoon Session. Chairman: Prof. E. Malisa (University of Dar es Salaam)

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| 14.00-14.45 pm: | Synthetic and natural gemstones | D. Schwarz |
| 14.45-15.00 pm: | Questions | |
| 15.00-15.45 pm: | Corundum deposits | G. Giuliani |
| 15.45-16.00 pm: | Questions | |

COFFEE BREAK

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| 16.30-17.15 pm: | Emerald deposits | G. Giuliani |
| 17.15-17.30 pm: | Questions | |
| 17.30-18.15 pm: | Inclusions in corundum and emerald | D. Schwarz |
| 18.15-18.30 pm: | Questions | |

SOCIAL DINNER



DAR ES SALAAM UNIVERSITY AND IRD REGIONAL WORKSHOP
ON
GEMSTONES : THEIR GEOLOGY AND GEMMOLOGY



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7th October, 2009

Morning Session: Chairman: Prof. M. Rakotondrazafy (University of Antananarivo)

9.00 – 9.30 am: **Diamonds** D. Ohnenstetter
9.30 – 10.00 am: **Exploration of diamonds in Tanzania** E. Malisa
10.00-10.15 am: **Questions**

COFFEE BREAK

10.45-11.15 am: **Gems in pegmatites** G. Giuliani
11.15-11.30 am: **Questions**
11.30-12.00 noon: **IRD and its Department of Support, Formation and expertise**
B. Buclet
S. Robert

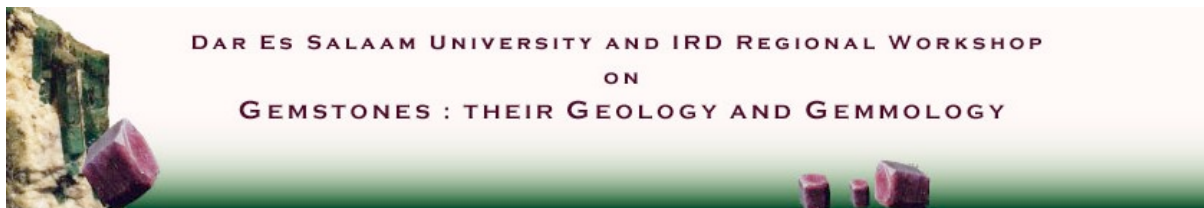
LUNCH

Afternoon Session: Chairman: Mr. N. Matemu (SEAMIC, Dar es Salaam)

13.30-14.15 pm: **Precious gemstones in Madagascar** M. Rakotondrazafy
14.15-14.30 pm: **Questions**
14.30-15.15 pm: **Tsavorite and tanzanite deposits** E. Malisa
15.15-15.30 pm: **Questions**

COFFEE BREAK

16.00-16.45 pm: **The tasks for a laboratory of Gemmology**
D. Schwarz
16.45-17.00 pm: **Questions**
17.00-18.00 pm: **Debate on the Geology and gemmology of gemstones**
with all the participants.



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8th October, 2009

Practical course: Two groups of 15 people at the SEAMIC and the University of Dar es Salaam for cutting and polishing gemstones, and microscopic observations of natural and synthetic gemstones.

University of Dar es Salaam:

9.00-12.00 noon and 14.00-17.00 pm: **Microscopic observations for differentiating between natural (emerald, ruby and sapphire) and synthetic gemstones.**

D. Schwarz, G. Giuliani, D. Ohnenstetter, E. Malisa

SEAMIC:

9.00-12.00 noon and 14.00-17.00 pm: **Cutting and polishing gemstones**

N. Matemu (SEAMIC), M. Rakotondrazafy