

Operations Research Techniques and Applications School for Africa (ORTASA)

November 20-29, 2018

Institute of Mathematics and Physics (IMSP), Dangbo, Rep. of Benin

Operation Research (OR) is an approach to decision-making based on scientific methods including Mathematics, Statistics and Computer Sciences that make use of extensive quantitative analysis. This school is aimed at gathering young researchers, graduate students (PhD and Master students) and professionals from African countries, with outstanding performance and interest in the areas Of Operations Research (OR), Machine learning, Systems Engineering and Applied Mathematics. Professionals are highly encouraged to attend this school that will focus on techniques and applications of OR in areas such as health, transport, communication, logistics, finance and information systems.



Topics and main speakers

Applications of OR to:

- Telecoms by Adam Ouorou, Orange, France
- Finance by Tekogan Hemazro, CDPQ, Canada
- Logistics by Andréa Duhamel, UTT, Troyes, France
- Climate by Kathleen Vaillancourt, ESMIA Canada
- Transport by Issmail El Hallaoui, Polytechnique, Canada
- Health by Sheetal Silal, UCT, South Africa

Optimizations Methods:

- Column generation by Issmail El Hallaoui, Polytechnique, Montreal
- Heuristics and Metaheuristics by Celso da Cruz Carneiro Ribeiro, UFF, Rio de Janeiro
- Mathematical formulations of OR Problems by Luciana Buriol, UFRGS, Brazil

Scientific committee

Brunilde SANSÒ, Polytech Montréal, Canada.

Adam Ouorou, Orange, France.

Mamadou Traoré, IIA, France.

Babacar Ndiaye, UCAD, Senegal

Organizing committees

From IMSP (imsp-benin.com):

Leonard Todjihounde, Joel Tossa, Guy Degla, Jules Dégila.

From AFROS (www.afrosocieties.org):

Charles Malack Oloo, Bernie Lindner, Hatem Masri

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Sponsors :

Institute of Mathematics and Physics Sciences / University of Abomey Calavi / African Centre of Excellence in Mathematical Sciences and applications / Ministry of Scientific Research, Benin / African Federation of Operations Research Societies

Application and registration fees : Online application at : <https://sites.google.com/imsp-uac.org/ortasa-2018> before **October 24th, 2018** and submit your resume and list of publications. The registration fees are \$100.

Grants : ACE-MSA will provide a **limited number** of grants. Priority will be given to **female participants** from west and Central Africa from West and Central African countries.

