

Mathematics

Priority Area	
Innovation and Technology	
Abstract	
<p>Building on over twenty years of successful collaboration between African and European partners, CoRE-Math is ready to take a critical next step in supporting socio-economic development in Africa and address significant challenges as described in the SDGs. CoRE-Math seeks to enhance multidisciplinary and interdisciplinary research and promote the applications of mathematics beyond academia. Additionally, their planned doctoral programme aims to produce graduates proficient in mathematics and computing skills, well-prepared to adapt to and excel in a rapidly evolving job market, thereby increasing productivity. To achieve these goals, CoRE-Math will create platforms for academia-industry interaction and interdisciplinary research. These platforms will include working groups, contact workshops, industry and innovation days, modelling weeks, and statistics offices. Furthermore, CoRE-Math will develop a high-standard collaborative PhD programme to expand PhD training and meet societal demands. They will also ensure that the existing postgraduate programmes are up-to-date and aligned with societal priorities.</p>	
Co-Leads (Academic, University)	
ARUA	The Guild
<p>John Magero Mango Assoc. Prof. EAUMP Inter-Network Ismail Mirumbe Senior Lecturer Head of Department Prof. Mukadasi Buyinza DVC Academics - Makerere University, Uganda</p>	<p>Bengt Ove Turesson Head ISP, Director IPMS Georgios Dimitroglou Rizell Head Department of Mathematics Jörgen Östensson Head of the Centre for Interdisciplinary Mathematics (CIM) Prof. Charlotte Platzer Björkman DVC Science and Technology - Uppsala University, Sweden</p>
Core Partners (Academic, University)	
Girum Aklilu, Senior Lecturer, Head of Department - Addis Ababa University , Ethiopia	
Tilahun Abebaw, Senior Lecturer - Addis Ababa University , Ethiopia	
Prof. Worash Getaneh, Vice President for Research and Technology transfer - Addis Ababa University , Ethiopia	
Sylvester Rugeihyamu Senior Lecturer, Head of Department – University of Dar es Salaam , Tanzania	
Prof. Nelson M K Boniface DVC Research - University of Dar es Salaam , Tanzania	
Prof. Stephen Luketero Head of Department – University of Nairobi , Kenya	
Prof. Jesang Hutchinson DVC Research Innovation and Enterprise - University of Nairobi , Kenya	
Celestin Kurujibwami Senior Lecturer, Head of Department – University of Rwanda , Rwanda	
Dr Ndikumana Raymond DVC Research and Academics – University of Rwanda , Rwanda	
Prof. Steffen Müller - University of Groningen , Netherlands	
Prof. Dr. J.W.M. Frenken Dean Faculty of Science and Engineering - University of Groningen , Netherlands	
Prof. Giulia Di Nunno – University of Oslo , Norway	
Prof. Geir Dahl Head of Department – University of Oslo , Norway	
Other Partners (including non-academic ones)	
Mervis Kikonko Assoc. Prof., Head of Department & Prof. Boniface Namangala DVC Academic Affairs – University of Zambia , Zambia	
Prof. Lassi Roininen, Prof. Tapio Helin, Matti Heiliö & Miracle Amadi; - Lappeenranta–Lahti University of Technology , Finland	
Prof. Martin Singull - Linköping University , Sweden	
Prof. Tom Britton & Paul Vaderlind - Stockholm University , Sweden	
Assoc. Prof. Diletta Martinelli - University of Amsterdam , Netherlands	
Prof. Guttorm Alendal – University of Bergen , Norway	
Prof. Alessandra Micheletti President European Consortium for Mathematics in Industry (ECMI) – ECMI , Netherlands	
Prof. Wil Schilders President of the International Council for Industrial and Applied Mathematics (ICIAM) – Netherlands	