

MACBIOIDI INTERNATIONAL WORKSHOP

Venue: CASA AFRICA

Dates: 28 - 29 January 2019

(Organized as a parallel event to 30PW NA-MIC)

https://na-mic.github.io/ProjectWeek/PW30_2019_GranCanaria/)

Monday, 28 January 2019

16H00: Welcome and conference opening by authorities and organizers.

Welcome by Mr. Luis Padrón – Director of Casa África, Spain

Workshop overall introduction – Prof. Juan Ruiz-Alzola, MACbioIDi PI, ULPGC, Spain

International challenges & opportunities – Prof. Ron Kikinis, Director of the Surgical Planning Lab, Brigham & Women's Hospital – Harvard Medical School, USA. Director of Fraunhofer MEVIS Institute for Digital Medicine, Germany

Address by Mr. Gonzalo Piernavieja, Viceminister of Industry, Energy and Trade of the Autonomous Government of the Canary Islands, Spain

Address by Prof. Rafael Robaina, Rector of the University of Las Palmas de Gran Canaria, Spain

Address by Mr. José-Manuel Baltar, Minister of Health of the Autonomous Government of the Canary Islands, Spain

16h30: Mauritanian representative presentation.

Prof. Haouba Ahmedou – Rector of the University Al-Aasriya, Mauritania

Prof. Dada Lebchir – Dean of the Faculty of Medicine – University Al-Aasriya, Mauritania

16h40: Senegal representative presentation.

Dr. Cheikh Tacko Diop – Director of the Hospital Fann, Senegal

Prof. Bara Ndiaye – Vice Dean of the Faculty of Medicine – University Cheikh Anta Diop Senegal

16h50: Cape Verde representative presentation.

Prof. Aristides Lopes Da Silva – Vice-rector of the University Praia, Cape Verde

Dr. Victor Manuel Moreira Da Costa – Director of the Hospital Agostinho Neto Praia, Cape Verde

17h00: Introduction to the technical sessions

Prof. Ron Kikinis, Director of the Surgical Planning Lab, Brigham & Women's Hospital – Harvard Medical School, USA. Director of Fraunhofer MEVIS Institute for Digital Medicine, Germany

17h15: Session: LOW COST Image Guided Therapy

Andras Lasso – Associate Director (Engineering) - Perklab – Canada .Prof. Gabor Fichtinger - Director; Professor and Canada Research Chair - Perklab – Canada

17h45: Session: ROBOTICS

Dr. Kevin Cleary, Technical Director, Bioengineering Initiative - Sheikh Zayed Institute for Pediatric Surgical Innovation – USA

Tuesday 29, January 2019

11h00: Session: Anatomy Segmentation – includes a practical demo

Dr. Mike Halle - Director of Technology Development & Director of Visualization - Surgical Planning Lab , Brigham & Women's Hospital, Harvard Medical School

Dr. Andras Lasso – Associate Director (Engineering) - Perklab – Canada

Prof. Babacar Diao – Health Militar School - Senegal

13h00: Closure by authorities and organizers

Mr. Luis Padrón – Director of Casa África, Spain

Workshop conclusion

Prof. Juan Ruiz-Alzola, MACbioIDi PI, ULPGC, Spain

Prof. Ron Kikinis, Director of the Surgical Planning Lab, Brigham & Women's Hospital – Harvard Medical School, USA. Director of Fraunhofer MEVIS Institute for Digital Medicine, Germany

Prof. Carmen Rubio, Vicerector of Internationalization of the University of La Laguna, Spain

Prof. Richard Clouet, Vicerector of Internationalization and Cooperation of the University of Las Palmas de Gran Canaria, Spain

Prof. José Pablo Suárez, Vicerector of Research, Innovation and Technology Transfer of the University of Las Palmas de Gran Canaria, Spain

Mr. Conrado Domínguez, Director of the Health Service of the Canary Islands, Spain

INTERNATIONAL ATTENDEES (Partial list)

USA

Prof. Ron Kikinis

Surgical Planning Laboratory Director, Department of Radiology, Brigham and Women's Hospital, Harvard Medical School, Boston.

Institutsleiter of [Fraunhofer MEVIS](#) and [Professor of Medical Image Computing](#) at the University of Bremen

<https://www.mevis.fraunhofer.de/en/employees/ron-kikinis.html>

Prof. Sonia Pujol

Assistant Professor of Radiology, Harvard Medical School. Director of Outreach of the Neuroimaging Analysis Center (NAC). Director of Training of the 3D Slicer Open-source Software Platform – Brigham and Women's Hospital, Harvard Medical School, Boston.

<https://lmi.med.harvard.edu/people/sonia-pujol>

Prof. Kevin Cleary, PhD.

PhD. Technical Director, Bioengineering Initiative - Sheikh Zayed Institute for Pediatric Surgical Innovation. Washington D.C.

<https://childrensnational.org/research-and-education/about-cri/faculty-and-leadership-directory/kevin-cleary>

Prof. Nikos Makris, PhD.

Director of the Center for Morphometric Analysis and the MGH Morphometric Analysis Center Core. Co-Director of the Center for Neural Systems investigations. Harvard Medical School, Boston.

<https://www.nmr.mgh.harvard.edu/user/6001>

Dr. Michael Halle

Director of Technology Development & Director of Visualization - Surgical Planning Lab , Brigham & Women's Hospital, Harvard Medical School

<http://www.spl.harvard.edu/pages/People/halazar>

Prof. Douglas M Bowden

Washington University School of Medicine. Seattle.

<https://loop.frontiersin.org/people/713/bio>

Dr. Steve Pieper

ISOMICS inc., Director

CANADA

Prof. Gabor Fichtinger

Director; Professor and Canada Research Chair – Perklab. Laboratory for Percutaneous Surgery –Queen’s University

<http://research.cs.queensu.ca/~gabor/>

Dr. Andras Lasso

Associate Director (Engineering) – Perklab. Laboratory for Percutaneous Surgery – Queen’s University

<http://perk.cs.queensu.ca/users/lasso>

FRANCE

Prof. Jean-Jacques Lemaire

Neurochirurgien (MD, PhD), PUPH – Neurosurgery Service Director; Pôle MNDO CHU Clermont-Ferrand, Gabriel Montpied Hospital

SENEGAL

Dr. Cheikh Tacko Diop

Hospital Fann, Director – Senegal

Health and Social Action Ministry

Dr. Ibrahima Bara Diop

Hospital Fann Telemedicine Center Director – Senegal Health and Social Action Ministry

Dr. Moussa Sam Daff

Hospital Dalal Diam Director – Senegal

Dr. Bara Ndiaye

Faculty of Medicine Vice-Dean – Cheikh Anta Diop University

Dr. Malick Ndiaye

Health Military School Director –Dakar

Dr. Babacar Diao

Director Servicio Estudios y Control de la Dirección de Salud – Fuerzas Armadas de Senegal

MAURITANIA

Prof. Ahmedou Haouba

University Al-Aasriya Nouakchott, Rector

Prof. Dada Lebchir

Dean of the Faculty of Medicine – University Al-Aasriya, Nouakchott

Dr. Outouma Antoine Soumaré

Director of the Specialities Hospital, Nouakchott

Cape Verde

Prof. Aristides Lopes Silva

University of Praia - Cape Verde. Research Vice-rector

Dr Victor Costa

Hospital Agostinho Neto Praia Director