

XIth INTERNATIONAL EPIDEMIOLOGICAL ASSOCIATION EASTERN MEDITERRANEAN REGIONAL SCIENTIFIC MEETING

FEBRUARY 21 - 23, 2019 | BRISTOL HOTEL - BEIRUT, LEBANON



XIth INTERNATIONAL EPIDEMIOLOGICAL ASSOCIATION EASTERN MEDITERRANEAN REGIONAL SCIENTIFIC MEETING

IEA International
Epidemiological
Association

LEA Lebanese
Epidemiological
Association

FEBRUARY 21 - 23, 2019 | BRISTOL HOTEL - BEIRUT, LEBANON

This event is smoke-free. Participants who desire to smoke are kindly asked to do so outside the hotel where the meeting is being held



Recent political changes in the Middle-East and North Africa (MENA) region have affected the social and economic development of whole nations and are threatening to wipe out all the progress realized during the final quarter of the 20th century. Despite these unfavorable conditions, the time has come to meet again as epidemiology practitioners in the Eastern Mediterranean (EM). Ten regional meetings have been held so far in the EMR in the last 40 years. In association with the Lebanese Epidemiological Association (LEA), the IEA invites you to the XIth EM regional meeting to be held in Beirut in February 2019.

Public health professionals, clinicians, academicians, health care field workers with national and international NGOs are all concerned stakeholders whose support, presence and active participation will make the 2019 EMR meeting a major success. The overall theme of the meeting encourages participants to consider classical and emerging contributions of epidemiology to the health and well-being of populations in the region. We hope that this event will re-create a momentum towards regular meetings in the EMR.

We look forward to a rich scientific event and a good opportunity to re-unite with friends and colleagues from the area.

IEA-EM Regional Councilor

Salim M. Adib, MD, DrPH

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Nelly Ziadeh (Lebanon)

Detailed information regarding registration, accommodations, abstract submission and the meeting's program can be found on <https://www.lea-lb.org/iea-regional-meeting/homepage/>

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DAY I: Thursday February 21, 2019	DAY II: Friday February 22, 2019	DAY III: Saturday February 23, 2019
08:00 Registration	09:00 - 11:00 Plenary Session	09:00 - 11:00 Plenary Session
09:00 - 16:30 Pre-Meeting Workshops	11:00 - 11:30 Coffee Break & Poster Session	11:00 - 12:00 Coffee Break & Poster Session
11:00 - 11:30 Coffee Break	11:30 - 13:00 Session II (B1): Alertes épidémiologiques sur le pourtour méditerranéen.	12:00 - 13:30 Session IV (D1): Generating and Accessing Health Data
13:30 - 14:30 Lunch Break	Session II (B2): Monitoring and surveillance: National Surveys	Session IV (D2): Implementation Research
14:30 - 16:30 Poster Session	Session II (B3): Disease prevention and management: Cancer	13:30 - 14:30 Closing Remarks
16:30 - 18:00 Session I (A1): Disease Prevention and Management: Maternal and Child Adolescent Health	13:00 - 14:30 Lunch & Poster Session	
Session I (A2): Emergencies and Outbreaks	14:30 - 16:00 Session III (C1): Epidemiology in Health Systems	
Session I (A3): Responding to Challenges of Conflict and Displacement: Institutional, Regional and Global Perspectives	Session III (C2): Disease Prevention and Management: Chronic conditions/Injuries/Mental Health	
18:30 - 20:30 Official Opening	Session III (C3): Monitoring and surveillance: Morbidity/Mortality	
20:30 Cocktail Reception	17:00 - 19:00 Business Meeting	
	20:30 Gala Dinner	

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PRE-MEETING WORKSHOPS

Thursday February 21, 2019

08:00 Registration

09:00 - 16:30 PRE-MEETING WORKSHOPS

1. **Scientific Writing and Publishing**
(Eastern Mediterranean Association of Medical Editors)
2. **Outbreak Investigation in Humanitarian Disasters**
(Médecins Sans Frontières)

11:00 - 11:30 Coffee Break

13:30 - 14:30 Lunch Break

14:30 - 16:30 Poster Session

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PROGRAM

Thursday February 21, 2019

16:30 - 18:00 Session I (A1): Disease Prevention and Management: Maternal and Child Adolescent Health

Chairs: Loubna Tayyara & Randah Hamadeh

1. Knowledge about prenatal folic acid in Mount-Lebanon:
A village-based intervention.
Susan Salman *Jinan University, Tripoli, Lebanon*
2. "She needs her husband" - A qualitative study exploring factors influencing male involvement in family planning uptake among Syrian refugees, Shatila, Lebanon.
Wafaa Chreif *Médecins Sans Frontières, Operational Centre Brussels, South Beirut, Lebanon*
3. Child deprivation in local and refugee subpopulations in Lebanon:
A national multiple overlapping deprivation analysis.
Zeina Jamaluddine *Center for Research on Population and Health, American University of Beirut, Lebanon*
4. Population attributable fraction of caffeine and water pipe on low birth weight in deprived communities in south of Iran.
Shahzad Nematollahi *Department of Epidemiology and Biostatistics, School of Public Health, Tehran University of Medical Sciences, Tehran, Iran*
5. Relationships and mediators between food insecurity and nutritional status in 2- to 5-year-old children in rural areas.
Abolghassem Djazayeri *Tehran University of Medical Sciences, Iran*
6. Study of temporal, spatial and demographic characteristics of fatal motorcycles crashes in Isfahan province in 2012-2016.
Shahzad Nematollahi *Department of Epidemiology and Biostatistics, School of Public Health, Tehran University of Medical Sciences, Tehran, Iran*
7. Epidemiology approach of school accidents in the center of Tunisia:
A five-year study.
Lamia Bouzgarrou *Occupational Medicine and Ergonomics Department, Faculty of Medicine, University of Monastir, Tunisia*

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Thursday February 21, 2019

16:30 - 18:00 Session I (A2): Emergencies and Outbreaks

Chairs: Rana Hajjeh & Samira Abdelrahman

1. Measles outbreak in Maaber district, Dhmar governorate, April 2018.
Eman Lardi *Yemen Field Epidemiology Training Program, Sanaa, Yemen*
2. Measles outbreak, Lebanon, 2018.
Lina Cheaito *Ministry of Public Health, Beirut, Lebanon*
3. Characteristics of patients hospitalized for severe acute respiratory infections in Tunisia during the season 2017-2018.
Rihab Yazidi *Medical Epidemiology Department, Institut Pasteur de Tunis, Tunisia*
4. Surveillance of acute respiratory infections, Lebanon, 2015-2018.
Nadine Haddad *National Influenza Center, Ministry of Public Health, Beirut, Lebanon*
5. New challenges of HIV risk behaviors among young people in Morocco.
Hanane Rassimi *National School of Public Health, Rabat, Morocco*
6. Integrated bio-behavioral survey of HIV infection among men having sex with men in the Nile Delta, Egypt.
Ibrahim Kabbash *Faculty of Medicine, University of Tanta, Egypt*
7. Epidemiology of Crimean-Congo Hemorrhagic Fever (CCHF) in Khyber Pakhtunkhwa Province of Pakistan, 2016 to 2018.
Syed Wasif Javed *Disease Surveillance and Response Unit, Field Epidemiology and Laboratory Training Program, Pakistan*
8. Are we prepared for the next cholera outbreak? Cholera intervention in selected districts in Aden, 2017.
Huda Basaleem *Department of Community Medicine & Public Health, Faculty of Medicine & Health Sciences, University of Aden, Yemen*

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Thursday February 21, 2019

16:30 - 18:00 **Session I (A3): Responding to Challenges of Conflict and Displacement:
Institutional, Regional and Global Perspectives**
in collaboration with the Faculty of Health Sciences, AUB, Lebanon

Chair: Iman Nuwayhid

1. A Global South-based institutional approach for public health engagement with challenges of conflict and displacement.
Iman Nuwayhid *Faculty of Health Sciences, American University of Beirut and The Lancet AUB Commission on Syria, Beirut, Lebanon*
2. Health and armed conflict in Syria: Research, advocacy and implications for local, regional and global health.
Samer Jabbour *Faculty of Health Sciences, American University of Beirut and The Lancet AUB Commission on Syria;*
Fatima Ghaddar *The Lancet- AUB Commission on Syria, Beirut, Lebanon*
3. The global, institutional, and particular in refugee research: Lessons from the Amenah Project.
Sawsan Abdulrahim *Department of Health Promotion Community Health, Faculty of Health Sciences, American University of Beirut, Lebanon*
4. Towards a strong regional engagement in a forthcoming global society on health and armed conflict.
Marian Abouzeid *Centre for Humanitarian Leadership, Deakin University & The Lancet AUB Commission on Syria, Beirut, Lebanon*

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Thursday February 21, 2019

18:30 - 20:30 Official Opening

- Welcome Speeches:
Mary Deeb *LEA President*
Iman Shankiti *WHO Representative*
Henrique Barros *IEA President*

- Tributes
Salim Adib *IEA Regional Councilor*

- Keynote Speech:
Arnold Bosman *Transmissible Inc., Netherlands*
Consequential Epidemiology: The Importance of Scientific Pragmatism
in the Evaluation of Public Health Programs

- Memorial of John Fayyad
Mary Deeb
Elie Karam

- Music Prelude
Salam Geha *Singer*
Charles Korkomaz *Piano*

20:30 Cocktail Reception

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Friday February 22, 2019

09:00 - 11:00 Plenary session

Chair: Henrique Barros

- Why Epidemiologists Are Key Actors in the Evaluation of Screening Programs
Rachid Salmi, *Bordeaux University, France*
- Evidence for Policy: EMR Perspectives
Arash Rashidian WHO EMRO
- Challenges and Limitations of Implementing Research in Humanitarian and Conflict Settings
Medecins Sans Frontières

11:00 - 11:30 Coffee Break & Poster Session

11:30 - 13:00 **Session II (B1): Alertes épidémiologiques sur le pourtour méditerranéen.**
In collaboration with Association Des Epidémiologistes de Langue Française

Chairs: Rafic Baddoura & Rachid Salmi

1. Etude de survie chez des patients cancéreux dans la Wilaya de Tizi-Ouzou-Algérie.
Abdelkader Tataoui *Hôpital Chahid Mahmoudi, Tizi-Ouzou, Algérie*
2. Facteurs de risque socio-démographique et reproductif pour le cancer du sein: une étude cas-témoin dans la Province Sétif, Algérie du Nord.
Ettore Bidoli *Unité d'Epidémiologie du Cancer, IRCCS Centro di Riferimento Oncologico, Aviano, Italie*
3. Consommation des produits de tabac et cancer du larynx, étude cas- témoins à Batna, Algérie, 2008-2011.
Messaouda Oudjehih *Service d'Epidémiologie et de médecine préventive, Centre Hospitalier Universitaire de Batna, Algérie*
4. Les résultats du 3000 FIT: une étude prospective menée à l'Université Saint-Joseph de Beyrouth.
Ronaldo El Kaddoum *Faculté de médecine, Université Saint-Joseph de Beyrouth, Liban*
5. Facteurs associés à la méconnaissance de l'hypertension chez les adultes hypertensifs du Nord de l'Algérie: Une étude cas-témoin.
Mohamed-Lamine Atif *Department de Medicine, Université de Blida, Algérie*
6. Changement climatique et urgences sanitaires sur le pourtour méditerranéen.
Annie Sasco *Université de Bordeaux, France*
7. Séroprévalence et facteurs de risque de la brucellose parmi les résidents de la ferme de Sidi Kacem.
Houda Moumni Abdou *Département d'Épidémiologie et de contrôle des maladies infectieuses, Maroc*

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Friday February 22, 2019

11:30 - 13:00 Session II (B2): Monitoring and surveillance: National Surveys

Chairs: Mohannad Al Nsour & Randa Nooh

1. National survey of transfusion centers to guide hemovigilance policies according to international recommendation.
Berthe Chalhoub Hachem *Lebanese National Committee of Blood Transfusion, Lebanon*
2. Epidemiological surveillance in the context of the Syrian refugee crisis- Lebanon, 2014-2018.
Zeina Farah *Epidemiological Surveillance Unit, Ministry of Public Health, Lebanon*
3. Adult mortality trends in Qatar, 1989-2015: national population versus migrants.
Karima Chaabna *Institute for Population Health, Weill-Cornell Medicine, Doha, Qatar*
4. Use of Event-Based Surveillance for infectious disease surveillance.
Dalal Youssef *Epidemiological Surveillance Unit, Ministry of Public Health, Lebanon*
5. Evaluation of the epidemiological surveillance system for viral Hepatitis B and C in Morocco (2013-2016).
Ilham Dahbi *Directorate of Epidemiology and Disease Control, Ministry of Health, Rabat, Morocco*
6. Kuwait Nutrition Surveillance System.
Mai Alhazzaa *Department of Health and Nutrition, Ministry of Health, Kuwait*
7. Essential interventions for reproductive, maternal, neonatal and child health (RMNCH): Equity outlook for Middle East and North Africa countries using national health surveys.
Aluisio Barros *International Center for Equity in Health, Federal University of Pelotas, Brazil*

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Friday February 22, 2019

11:30 - 13:00 Session II (B3): Disease prevention and management: Cancer

Chairs: Rasha Hamra & Alireza Mosavi-Jarrahi

1. The relationship between early life adversity and cancer among a sample of Tunisian adults.
Sana Mhamdi *Department of Community Medicine, Faculty of Medicine, University of Monastir, Tunisia*
2. Knowledge, attitudes and proactive behaviours toward cancers among high school students in Ben Guerir, Morocco.
Karim Anzid *Department of Biology, Laboratory of Human Ecology, Cadi Ayyad University, Marrakesh, Morocco*
3. Dietary components modulate the risk of hepatocellular carcinoma in cirrhotic patients.
Maud Rizk El Zraiby *INSERM UMR 1231, University of Burgundy Franche-Comté, Dijon, France*
4. Use of mobile phones and risk of brain tumors: a case-control study.
Safwan Al-Omari *Neurosurgery Department, Faculty of Medicine, Jordan University of Science and Technology, Amman, Jordan*
5. Survival after the diagnosis of breast or colorectal cancer in the Gaza strip from 2005 to 2014.
Diego Serraino *Cancer Epidemiology Unit, Centro di Riferimento Oncologico, IRCCS, Aviano, Italy*
6. Determinants of diagnosis and treatment delays in patients with colorectal cancer Morocco, 2018.
Fatima Zahra Ben Fouila *Ministry of Health, Rabat, Morocco*
7. Incidence of breast cancer among women in Lebanon (2005-2015): A population-based registry.
Zeina Nasser; *Epidemiological Surveillance Program. National Cancer Registry, Ministry of Public Health, Lebanon*

13:00 - 14:30 Lunch & Poster Session

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Friday February 22, 2019

14:30 - 16:00 Session III (C1): Epidemiology in Health Systems

Chairs: Walid Ammar & Arash Rashidian

1. The community pharmacist's role in reducing cardiovascular risk factors in Lebanon: a longitudinal study.
Iqbal Fahs *Department of Pharmaceutical Sciences, Lebanese International University, Lebanon*
2. Professional practice evaluation of emergency department prescriptions for community-acquired infections in Lebanon.
Diana Malaeb *School of Pharmacy, Lebanese International University, Lebanon*
3. Tackling antibiotic resistance in Iran: An epidemiologic overview of current situation and actions.
Leila Mounesan *Department of Epidemiology and Biostatistics, Research Centre for Emerging and Reemerging Infectious Diseases, Pasteur Institute of Iran, Tehran, Iran*
4. Palestinian Health Research System: from system analysis to system strengthening.
Mohammed AlKhalidi *Swiss Tropical and Public Health Institute, Basel, Switzerland*
5. Future directions for strengthening the Islamic Republic of Iran's health system: A content analysis of General Health Policies (GHPs).
Haniye Sadat Sajadi *Tehran University of Medical Sciences, Iran*
6. Assessment of patient safety culture in the Tunisian intensive care units and determination of its associated factors.
Mohamed Ayoub Tlili *Université de Sousse, Ecole Supérieure des Sciences et Techniques de la Santé, Tunisia*
7. Patient satisfaction with nursing care: A comparison between public and private obstetric departments in Tunisia.
Mariem Ghardallou *Department of Community and Family Medicine, Faculty of Medicine, Sousse University, Tunisia*

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Friday February 22, 2019

14:30 - 16:00 Session III (C2): Disease prevention and management: Chronic conditions/Injuries/Mental Health

Chairs: Nelly Ziadeh & Rachid Salmi

1. ABCA1 C69T gene polymorphism and disturbances in glucose regulation in a Saudi population.
Suhad Bahjiri *Saudi Diabetes Research Group, King Fahd Medical Research Center, Jeddah, KSA*
2. The impact of therapeutic education on quality of life of type 2 diabetic patients in Lebanon.
Najwa El Gerges Ghawi *Faculty of Nursing and Health Sciences, Notre Dame University, Lebanon*
3. Diabetes and urbanization in the Iranian population: an analysis of the national survey of chronic disease risk factors 2011.
Koorosh Etemad; *Department of Epidemiology, School of Public Health, Shahid Beheshti University of Medical Sciences, Tehran, Iran*
4. Determinants of functional outcome in old adults with hip fracture.
Doja Sarieedine *American University of Beirut Medical Center, Lebanon*
5. Vitamin D status and adiposity indicators in relation to prediabetes.
Anwar Mohammad *Dasman Diabetes Institute, Epidemiology, and Public Health Unit, Kuwait City, Kuwait*
6. Posttraumatic stress and growth among Palestinian orphaned children victims of war in the Gaza Strip.
Abdelaziz M. Thabet *Refugee Studies Center-York University, Canada*
7. A close look at PTSD in childhood and adolescence:
Negative and positive events, sensitivity and personal competence.
Elie Karam; *Institute for Development, Research, Advocacy and Applied Care, Beirut, Lebanon*

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Friday February 22, 2019

14:30 - 16:00 Session III (C3): Monitoring and Surveillance: Morbidity/Mortality

Chairs: Pascale Salameh & Ehsan Mostafavi

1. Risk factors associated with mortality from neonatal tetanus in Naseerabad district.
Ahmed Ehsan *Ministry of Health, Balochistan, Pakistan*
2. Forecasting mortality for the Great Maghreb: 2017-2040.
Sarra Melki *Direction of Information Systems, Sahloul University Hospital, Sousse, Tunisia*
3. Trends of leading avoidable mortality in Kuwait: analysis of national Vital Registration Data 1997-2016.
Mohamed M. Ali *World Health Organization, Geneva, Switzerland*
4. Analysis of the maternal death monitoring system in Tunisia.
Sondes Derouiche *Primary Health Care Directorate, Ministry of Health, Tunisia*
5. Lack of screening for hypertensive disorders in pregnancy within antenatal clinics of Kinshasa, Democratic Republic of Congo.
Dalau Nkamba Mukadi *Institute of Experimental and Clinical Research, Catholic University of Louvain, Belgium*
6. Evaluation of the national monitoring and evaluation system for the STI / HIV / AIDS response in Tunisia, 2017.
Hayet Hamdouni *Primary Health Care Directorate, Ministry of Health, Tunisia*
7. Incidence and types of congenital anomalies in newborns in Sulaimaniyah city, Iraq.
Niaz Mustafa Kamal Karim *Sulaimani Polytechnic University, College of Health, Iraq*

17:00 - 19:00 Business Meeting

20:30 Gala Dinner

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Saturday February 23, 2019

09:00 - 11:00 Plenary session

Chair: Ahmad Mandil

- The Role of Epidemiology in Implementation Research,
A Developing Agenda in Public Health
Nicolas Townsend *Bath University, UK*
- The Landscape of Biomedical and Health Research in the EMR:
Spotlight on Epidemiological Research
Ghazi Tadmouri *Jinan University, Lebanon*
- EMPHNET Introduction
Mohannad Al-Nsour *EMPHNET Executive director, Jordan*

11:00 - 12:00 Coffee Break & Poster Session

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Saturday February 23, 2019

12:00 - 13:30 Session IV (D1): Generating and Accessing Health Data

Chairs: Nagah Selim & Alissar Rady

1. Jordan Cancer Epidemiology, 2010-2015.
Omar Nimri *Jordan Cancer Registry, Ministry of Health, Amman, Jordan*
2. A bibliometric analysis of tobacco-related research in Middle-Eastern Arab countries during the period 2008- 2017.
Sa'ed Zyoud *Poison Control and Drug Information Center, College of Medicine and Health Sciences, An-Najah National University, Nablus, Palestine*
3. The global burden of women's breast cancer survivors: from quality of life to return to work.
Lamia Bouzgarrou *Occupational Medicine and Ergonomics Department, Faculty of Medicine, University of Monastir, Tunisia*
4. Spatial analysis of colorectal cancer incidence in Hamadan province, Iran: A retrospective cross-sectional study.
Behzad Kiani OR Leila Halimi; *Clinical Research Development Unit, Shahid Beheshti Hospital, Hamedan University of Medical Sciences, Iran*
5. Levels and trends of Chlamydia trachomatis infection in the Middle East and North Africa.
Hiam Chemaitelly *Infectious Disease Epidemiology Group, Weill-Cornell Faculty of Medicine, Qatar*
6. Patients' preferences of cutaneous leishmaniasis treatment outcomes: findings from an international qualitative study.
Astrid Erber *Centre for Tropical Medicine and Global Health, Nuffield Department of Medicine, University of Oxford, UK.*
7. The recent trends, seasonality, and timing of Influenza in 15 countries of the World Health Organization Eastern Mediterranean Region.
Mohamed M. Ali *World Health Organization, Geneva, Switzerland*
8. Drug situation in Lebanon: findings from the 2017 National Report.
Rachel Btaiche *National Observatory on Drugs and Drug Addiction, Ministry of Public Health, Beirut, Lebanon.*

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Saturday February 23, 2019

12:00 - 13:30 Session IV (D2): Implementation Research

Chairs: Sarah Lavinia Brair & Ghazi Tadmouri

1. Incidence and mortality of cardiopulmonary diseases associated with ambient PM2.5 exposure in Kuwait.
Ali Al Hemoud *Environment and Life Sciences Research Center, Kuwait Institute for Scientific Research, Kuwait*
2. Opium use as an independent risk factor for lung cancer: A case-control study.
Narges Khanjani *Environmental Health Engineering Research Center, Kerman University of Medical Sciences, Iran*
3. Survival rate of breast cancer patients in Kashan 2005-2015.
Mojtaba Sehat *Kashan University of Medical Sciences, Iran*
4. Weight management services to reduce the risk of non-communicable diseases offered in Palestinian community pharmacies: A cross-sectional study.
Ramzi Shawahna *An-Najah National University, Nablus, Palestine*
5. Research on Non-Communicable Diseases in Morocco: A scoping review 2000-2013.
Samir Mounach *Directorate of Epidemiology and Disease Control, Ministry of Health, Rabat, Morocco*
6. Implementation of HPV vaccination in a private women health clinic in Lebanon: Feasibility and demographics.
Iman Jaafar *Department of Obstetrics and Gynecology, American University of Beirut Medical Center, Lebanon*
7. A school-based intervention for healthy lifestyles promotion in Sousse, Tunisia.
Jihene Maatoug; *Faculty of Medicine, Sousse University, Tunisia*
8. Measure and perception of air quality In Moroccan high schools: mixed methods study.
Chafika Belkadi *National School of Public Health Ministry of Health, Rabat, Morocco.*

13:30 - 14:30 Closing Remarks

Salim Adib

Organized by:



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