

Wednesday, 10 October 2018

ARRIVAL OF PARTICIPANTS AND
GET-TOGETHER-DINNER

Thursday, 11 October 2018

Venue: Hassan II Academy of Science and Technology

08:30 | GATHERING AT THE HOTEL LOBBY
AND TRANSFER TO THE VENUE

09:00-09:30 WELCOME ADDRESSES

Omar Fassi-Fehri, *Permanent Secretary, Hassan II
Academy of Science and Technology, Morocco*

Ismael Kassou, *Vice President, Mohammed V
University, Morocco*

El Hassan Saidi, *Director of Physics -Chemistry
College, Hassan II Academy of Science & Technology*

Lalla Btissam Drissi, *Workshop coordinator and
AGYA member, Morocco*

09:30-10:30 SESSION I: OPENING REMARKS & OVERVIEW OF SMART CITIES FROM CITIES REPRESENTATIVES

Mohamed Sadiki, *Mayor of Rabat city, Morocco*

Ahmad Sakhrieh, *American University of Ras Al-
Khaimah & AGYA member, UAE*

Green Technologies for Smart Cities

Chistian Fron, *University of Heidelberg & AGYA
member, Germany*

Smart Cities in History

Marc Ringel, *HFWU – Nuertingen-Geislingen
University & AGYA member, Germany*

Energy in Smart Cities: Comparison of Cities in
Germany and the MENA Region

10:30-11:00 | GROUP PICTURE AND COFFEE BREAK

11:00-12:30 SESSION II: SMART HEALTH

Ilangko Balasingham, *Norwegian University of
Science and Technology (NTNU) & Oslo University
Hospital, Norway*

Wireless Health and Care: Opportunities and
Challenges

12:30-14:30 | LUNCH

14:30-16:30

Agustí Solanas Gómez, *Rovira i Virgili University,
Spain*

An Introduction to Smart Healthcare: Origins,
Evolution and Future Directions

Ismael Lamouaden, *Mohammed V University,
Morocco*

Mining Prostate Cancer Behaviour using
Parsimonious Factors and Shrinkage Methods
Discussion

| LUNCH

SESSION III: ENERGY EFFICIENCY AND NEW MATERIALS FOR SMART CITIES

Djamel Djenouri, *Research Centre on Scientific and
Technical Information & AGYA member, Algeria*

Recent Information and Communication
Technologies in Smart Buildings

Nicolas Martin, *School of Engineers in Mechanics
and Microtechniques & FEMTO-ST Institute, France*

New Materials Based-on Sculptured Thin Films:
Properties and Anisotropic Behaviours

Omer Nour, *Linköping University, Sweden*

Nanomaterials for Smart Solutions

Abdelkrim Khelif, *National Center for Scientific
Research & University of Burgundy - Franche-Comté,
France*

Phononic Crystals and Acoustic Metamaterials:
From a Rich History to a Bright Future

Discussion

| COFFEE BREAK

| VISIT OF HISTORICAL MONUMENTS
OF RABAT AND TRANSFER TO HOTEL

WORKING GROUP MEETING I

(Only for members of the AGYA Working Group
Energy, Water and Environment)

19:30 | GATHERING AT THE HOTEL LOBBY
AND TRANSFER TO RESTAURANT

20:00 | DINNER

Friday, 12 October 2018

Venue: Aula, Mohammed V University, Al Irfane

08:30 | GATHERING AT THE HOTEL LOBBY
AND TRANSFER TO THE VENUE

09:00-10:30 SESSION IV: SMART RESOURCES

Nicolas Javahiraly, *University of Strasbourg,
France*

Nano Materials for Sustainable Development
Applications (Detection of Gas, Pollutants...)

Jan Friesen, *Helmholtz Centre for Environmental
Research – UFZ & AGYA Co-President, Germany*

Urban Forestry – Towards Sustainable &
Economic Urban Water Management

Zeina Hobaika, *Saint Joseph University of Beirut
& AGYA member, Lebanon*

Smart Sustainable Cities: Towards Sustainable
Bioenergy Approaches

Discussion

10:30-10:45 | COFFEE BREAK

10:45-12:15 SESSION V: SMART MOBILITY FOR SMART CITIES

Sven Kesselring, *HFWU – Nuertingen-Geislingen
University, Germany*

Future Mobilities-Examples from Germany and
Beyond

Soufiene Djahel, *Manchester Metropolitan
University, United Kingdom*

Connected and Autonomous Vehicles (CAVs):
Challenges and Potential for Enabling Safer,
Faster and Greener Roads

Yann Ben Maissa, *National Institute of Posts and
Telecommunications, Morocco*

A low Cost Robust Prototype for Vehicle
Geolocation in a Smart City

Discussion

12:30-14:30 | LUNCH

14:45-15:30

SESSION VI: SECURITY AND SAFETY IN SMART CITIES

Said El Hajji, Mohammed V University, Morocco
A Flexible Smart Framework on IoT for Preserving Privacy
Antoni Martínez Ballesté, Rovira i Virgili University, Spain
Privacy in Smart Cities
El Mamoun Souidi, Mohammed V University, Morocco
The (In)security of Smart Cities Discussion

15:30-15:45

COFFEE BREAK

15:45-17:15

SESSION VII: TECHNICAL CONTRIBUTIONS AND MISCELLANEOUS

Abdelouahid Lyhyaoui, L'Ecole Nationale des Sciences Appliquées de Tanger, Morocco
Some Scientific Contributions to Develop Tangier as a Smart City
Cherif Zizoua, Research Centre on Scientific and Technical Information, Algeria
Sensors for Patient Movements Monitoring Discussion

17:30-19:00

EXCURSION TOUR AROUND RABAT CITY AND TRANSFER TO HOTEL

18:30-19:30

WORKING GROUP MEETING II
(Only for members of the AGYA Working Group Energy, Water and Environment)

19:30

GATHERING AT THE HOTEL LOBBY AND TRANSFER TO RESTAURANT

20:00

FAREWELL DINNER

Workshop Organizers:

Lalla Btissam Drissi
Mohammed V University & AGYA member, Morocco
Djamel Djenouri
Research Centre on Scientific and Technical Information & AGYA member, Algeria
Marc Ringel
HFWU – Nuertingen-Geislingen University & AGYA member, Germany

Local Contact:

Rachid Ahl Laamara
Mohammed V University, Morocco

Workshop Venues

Hassan II Academy for Sciences & Technology
Km 4 Mohammed VI Avenue, Rabat, Morocco
Mohammed V University in Rabat,
Avenue Mohammed Ben Abdallah Rragui, Madinat Al Irfane, Rabat, Morocco

Conference Hotel:

Cantor Hotel Terminus
286 Mohammed V Avenue, Rabat, Morocco

Contact: agya@bbaw.de
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Arab-German Young Academy of Sciences and Humanities (AGYA) International Workshop on

Smart and Sustainable Cities: Between Reality and Aspirations

Rabat, Morocco

10 - 13 October 2018

