DEAR COLLEAGUES,

IT IS A PLEASURE TO WELCOME YOU TO THE 1ST INTERNATIONAL CONGRESS ON MOBILE HEALTH DEVICES AND SEIZURE DETECTION IN EPILEPSY IN COPENHAGEN DENMARK FROM JULY 7 - 8, 2017.

RECENT ADVANCES IN SIGNAL ANALYSIS AND INFORMATION TECHNOLOGY HAVE TRIGGERED A BOOM IN THE FIELD OF MOBILE HEALTH, WITH IMPORTANT APPLICATIONS TO THE MANAGEMENT OF PATIENTS WITH EPILEPSY, INCLUDING SEIZURE DETECTION.

THE GOAL OF THE COLLOQUIUM IS TO DISSEMINATE, FACILITATE AND ACCELERATE PROGRESS IN THE DEVELOPMENT OF MOBILE HEALTH SOLUTIONS AND SEIZURE DETECTION DEVICES FOR PATIENTS WITH EPILEPSY.

THE WORKSHOP WILL ENHANCE INFORMATION-EXCHANGE AMONG RESEARCHERS, HIGH-TECH COMPANIES, MEDICAL ORGANIZATIONS AND PATIENTS’ ORGANIZATIONS FACILITATING NETWORKING, DEVELOPMENT OF JOINT PROJECTS AND COLLABORATIONS IN THIS QUICKLY DEVELOPING FIELD.

IN ADDITION, INTERACTIVE, EDUCATIONAL HANDS-ON SESSIONS WILL CONTRIBUTE TO THE DISSEMINATION OF NOVEL TECHNOLOGIES.

MAIN TOPICS:
• SEIZURE-DETECTION: WHICH MODALITIES CAN BE IMPLEMENTED IN MOBILE DEVICES?
• SEIZURE-DETECTION: PUBLISHED EVIDENCE SO FAR.
• HOW TO COUPLE SEIZURE-DETECTION WITH THERAPEUTIC INTERVENTIONS.
• SUDEP PREVENTION THROUGH MOBILE HEALTH.
• SEIZURE DIARIES BASED ON AUTOMATED SEIZURE DETECTION.
• TELEMEDICINE IN EPILEPSY (EEG, HOME-VIDEO-EEG MONITORING, FOLLOW-UP MEETINGS, SECOND OPINION SESSIONS)
• FROM RESEARCH AND DEVELOPMENT TO IMPLEMENTATION IN PRACTICE: WHAT ARE THE NEEDS OF THE PATIENTS AND HEALTHCARE PROVIDERS?

WE WISH YOU ALL VERY WELCOME TO COPENHAGEN!

HTTPS://WWW.ETOUCHES.COM/MOBIL2017
COPENHAGEN, DENMARK

VENUE
HOTEL SCANDIC COPENHAGEN ****
VESTER SOEGADE 6
DK - 1601 COPENHAGEN V
08:30 – 09:00  | Registration and breakfast

09:00 – 12:00  | Plenary Session 1

- Seizure detection using implanted electrodes. Closed loop system
  Marhta Morrell
- Seizure detection using scalp electrodes
  Christoph Baumgartner
- Seizure detection using movement sensors
  Johan Arends
- Seizure detection using surface electromyography
  Sándor Beniczky

12:00 – 13:00  | Lunch break

13:00 – 15:30  | "How-to-do" Session 1

- RADAR-CNS: Remote monitoring of epilepsy using wearable sensors
  Mark Richardson
- Data compression strategy for long term home monitoring
  Nikolaos Voros
- To be announced (selected from submitted abstracts)
- To be announced (selected from submitted abstracts)

15:30 – 16:30  | Keynote Lecture

- Continuous multimodal recording using EpiWatch
  Gregory Krauss

19:00  | Networking dinner in the old Tivoli Garden.
08:30 – 09:00  |  Registration and breakfast

09:00 – 12:00  |  Plenary Session 2

• Seizure detection using multimodal signals  
  Frans Leijten

• Seizure prediction  
  Andreas Schulze-Bonhage

• Wearable devices in SUDEP prevention  
  Philippe Ryvlin

• Implementation of wearable devices in praxis: the point of view of the healthcare providers  
  Jens-Otto Jeppesen

12:00 – 13:00  |  Lunch break

13:00 – 15:30  |  "How-to-do" Session 2

• Wearable sensors and low-power integrated circuits in healthcare applications  
  Esther Rodriguez-Villegas

To be announced (selected from submitted abstracts)

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To be announced (selected from submitted abstracts)
VENUE
The meeting will take place at Scandic Copenhagen. Address:
Hotel Scandic Copenhagen ****
Vester Soegade 6
DK - 1601 Copenhagen V

10 minutes walk from Copenhagen Central Station and Copehagen Airport.

ACCOMMODATION
At Hotel Scandic Copenhagen. A block reservation has been made at the venue from July 7 - 9, 2017. This hotel can be booked as part of the registration. Extra nights please contact mb@meetingplanners.dk

Rate per night from: DKK 1.250.
Buffet breakfast included, Internet included

LOCAL CONGRESS ORGANISER
For questions in regards to sponsorship, registration and accommodation.
The Meeting Planners
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