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18th

**BELGIAN STROKE COUNCIL
INTERNATIONAL SYMPOSIUM**

endorsed by the European Stroke Organisation (ESO)

Saturday, November 30th 2019
Leuven (Belgium)

**ARTIFICIAL INTELLIGENCE:
ADVANCES IN STROKE
DIAGNOSIS & MANAGEMENT**



Dear All,

After a successful meeting last year focusing on rare causes of ischemic stroke, the organizing committee decided to focus the morning session of its 18th scientific symposium on artificial intelligence (AI) and machine learning in stroke diagnosis and management.

Expect three innovations to the program in comparison with previous years, all of them will be during the newly created afternoon session :

Firstly, Belgian neurologists/stroke researchers are given the stage to present their own research project and inform the public about ongoing academic, clinical trials.

Secondly, our stroke clinical trial network (BeNet), created under the auspices of the European Stroke Trial alliance, will be launched.

To support our community of young stroke researchers, the yearly BSC-ESOC travel grant (2000EUR) will be allocated to a young researcher (<36y & BSC-member). Please feel free to submit your abstract with research data that you want to present during the 6th European Stroke Organization Conference 2020 in Vienna (May 12-15).

To promote a more broad interaction within the Belgian stroke community, we decided to organize in the afternoon a research projects session for all BSC

Thirdly, participants of the 2nd BSC stroke research workshop will present some of their projects. With a broad presence of Belgian research groups and high quality data present in both basic stroke science as clinical stroke science, the workshop in September was a big success.

Please check final program and additional details on www.belgianstrokecouncil.be

Yours sincerely,

The annual BSC meeting committee

members interested in sharing innovative stroke concepts or informing about new academic studies.

For both, structured abstracts should present original work on all topics related to stroke, should not exceed 300 words, written in English and be submitted before November 5th 2019. Please submit your abstract here :

<http://belgianstrokecouncil.be/fr/bsc-travel-grant/>

PROGRAM

MORNING SESSION

08h00-08h45 Welcome Coffee

08h55-09h00 General Introduction
André Peeters (President of the BSC)

09h00-09h45 Introduction into the broad field of artificial intelligence
Roel Wuyts (IMEC, Leuven)

09h45-10h30 Optimizing personalized treatment strategies for stroke patients by AI
Dietmar Frey (Charité University Hospital, Berlin)

10h30-11h00 Coffee Break

11h00-11h45 AI speeds radiology work-up
Paul Suetens (University Hospital Leuven)

11h45-12h30 Stroke rehab incorporating AI & robot-assistance
Helen Rodgers (Newcastle University)

12h30-12h50 Panel discussion

12h50-13h00 Varia, closure and lunch

AFTERNOON SESSION

13h30-13h45 BSC awards:

- 2019 BSC-ESOC Travel Grant laureate
- 2019 Helaers Research Prize for Stoke laureate

13h45-14h45 Trials section (room 1+2)

- Introduction to national stroke trial network (BeNet)
Robin Lemmens (Leuven) | Peter Vanacker (Antwerp/Kortrijk)
- Ongoing/starting (inter)national academic clinical trials
- Mothership vs. drip-an-ship model for endovascular treatment
Philippe Desfontaines (CHC Liège)
- CONVINCe
Jelle Demeestere (University Hospital Leuven)
- Exoskeleton training in stroke rehabilitation
Wim Saeys (University Hospital Antwerp)
- Amyloid biomarkers & PETimaging in Cerebral Amyloid Angiopathy
Bernard Hanseeuw (UCL)

14h45-15h00 Coffee Break

15h00-16h00 Research projects section (room 1+2)

- Previous Helaers Research Prize for Stroke winner
Sofie Deblauwe
- Best presentation BSC scientific workshop
- Ongoing/starting (inter)national research projects

REGISTRATION

<http://belgianstrokecouncil.be/fr/bsc-symposium-registration/>

Free entrance for regular BSC-members in 2019 and for patients.

50EUR for non-BSC members, and 20EUR for paramedics and students.

Registration to pay to BSC bank account: BE84.3101.4141.3659 (BIC: BBRUBEBB)

Accreditation requested

Location: Provinciehuis Vlaams-Brabant,
Provincieplein 1, 3010 Leuven

