ISLES 2017 – Ischemic Stroke Lesion Segmentation

Agenda – September 10th

13:30-14:00 - Introduction to the challenge
14:00-15:30 - Invited presentations (top methods - 10min+5min Q&A)
15:30-16:30 - Poster session with coffee break
16:30-17:00 – Presentation of results, awards

Challenge Participants

ID	Title	Authors
1	Stochastic Dense Network for Brian Lesion Segmentation	Pei Wang, Albert C.S Chung
2	Ensembling 3D U-Nets For Ischemic Stroke Lesion Segmentation	Andrew Beers , Ken Chang , James Brown , Emmett Sartor , Elizabeth Gerstner , Bruce Rosen, Jayashree Kalpathy-Cramer
3	Ischemic stroke lesion segmentation using CNN based method	Sara Sedlar
4	Volumetric Multimodality Neural Network For Ischemic Stroke Segmentation	Laura Silvana Castillo, Laura Alexandra Daza, Luis Carlos Rivera, Pablo Arbelaez
5	2D Multi-Scale Res-Net for Stroke Segmentation	Christian Lucas, Mattias P. Heinrich
6	Combination of U-Net and Densely Connected Convolutional Networks	Donghyeon Kim, Joon Ho Lee, Dongjun Jung, Jong-min Yu, Junkil Been
7	Gated Two-Stage Convolutional Neural Networks for Ischemic Stroke Lesion Segmentation	Jee-Seok Yoon, Eun-Song Kang, Heung-Il Suk
8	Multi-scale Patch-wise 3D CNN for Ischemic Stroke Lesion Segmentation	Yilin Niu, Enhao Gong, Junshen Xu, John Pauly, Greg Zaharchuk
9	Dual-scale fully convolutional neural network for final infarct prediction	David Robben, Paul Suetens
10	Fully Convolutional Network with Hypercolumn Features for Brain Lesion Segmentation	Mobarakol Islam, Hongliang Ren
11	Self-correcting Convolutional Neural Network for Ischemic Stroke Lesion Segmentation	Jee Seok Yoon, Heung-Il Suk
12	Schemic Stroke Lesion Segmentation with Convolutional Neural Networks for Small Data	Youngwon Choi, Yongchan Kwon, Myunghee Cho Paik, Beom JoonKim, Joong-Ho Won
13	Deep Adversarial Networks for Stroke Lesion Segmentation	Tony C. W. Mok and Albert C. S. Chung
14	Fully Convolutional Neural Network for 3D Stroke Lesion Segmentation	Miguel Monteiro, Arlindo L. Oliveira
15	Combining clinical information for Stroke Lesion outcome prediction using Deep Learning	Adriano Pinto, Richard Mckinley, Victor Alves, Roland Wiest, Carlos A. Silva, Mauricio Reyes
16	Neural Networks Ensembles for Ischemic Stroke Lesion Segmentation	Maxim Pisov, Mikhail Belyaev, Egor Krivov