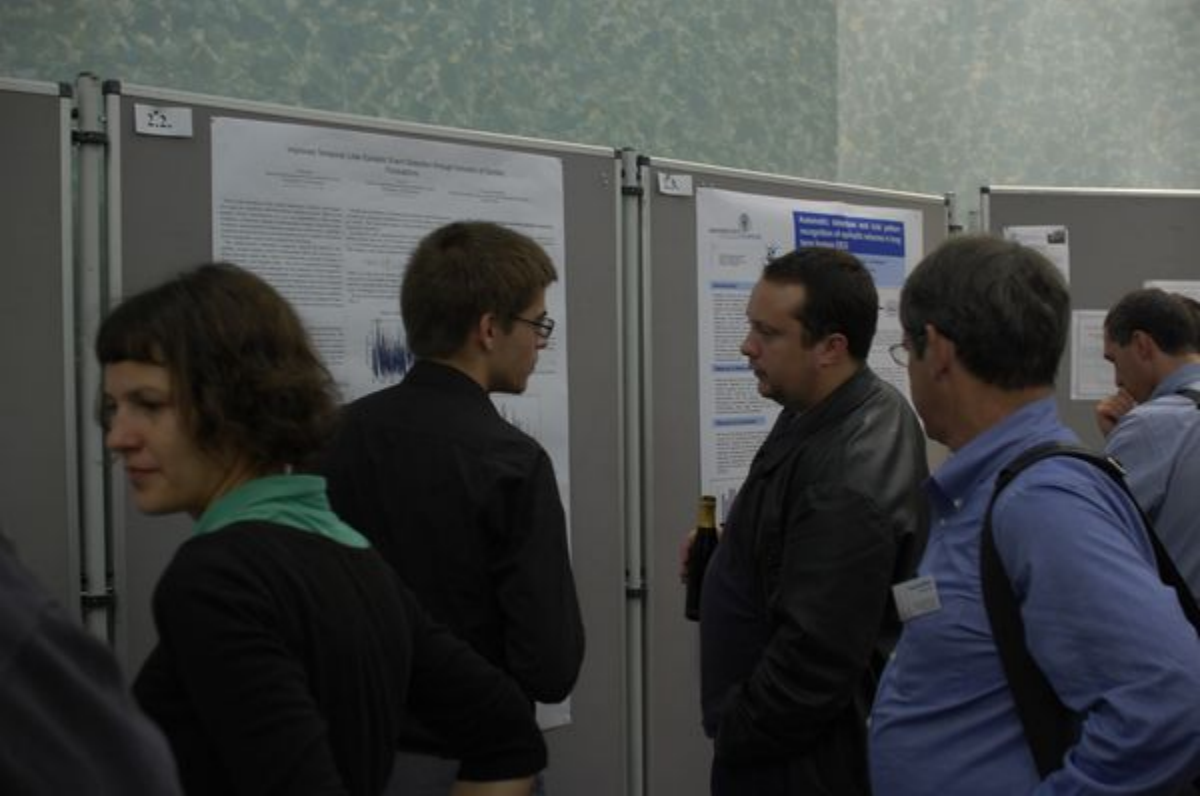
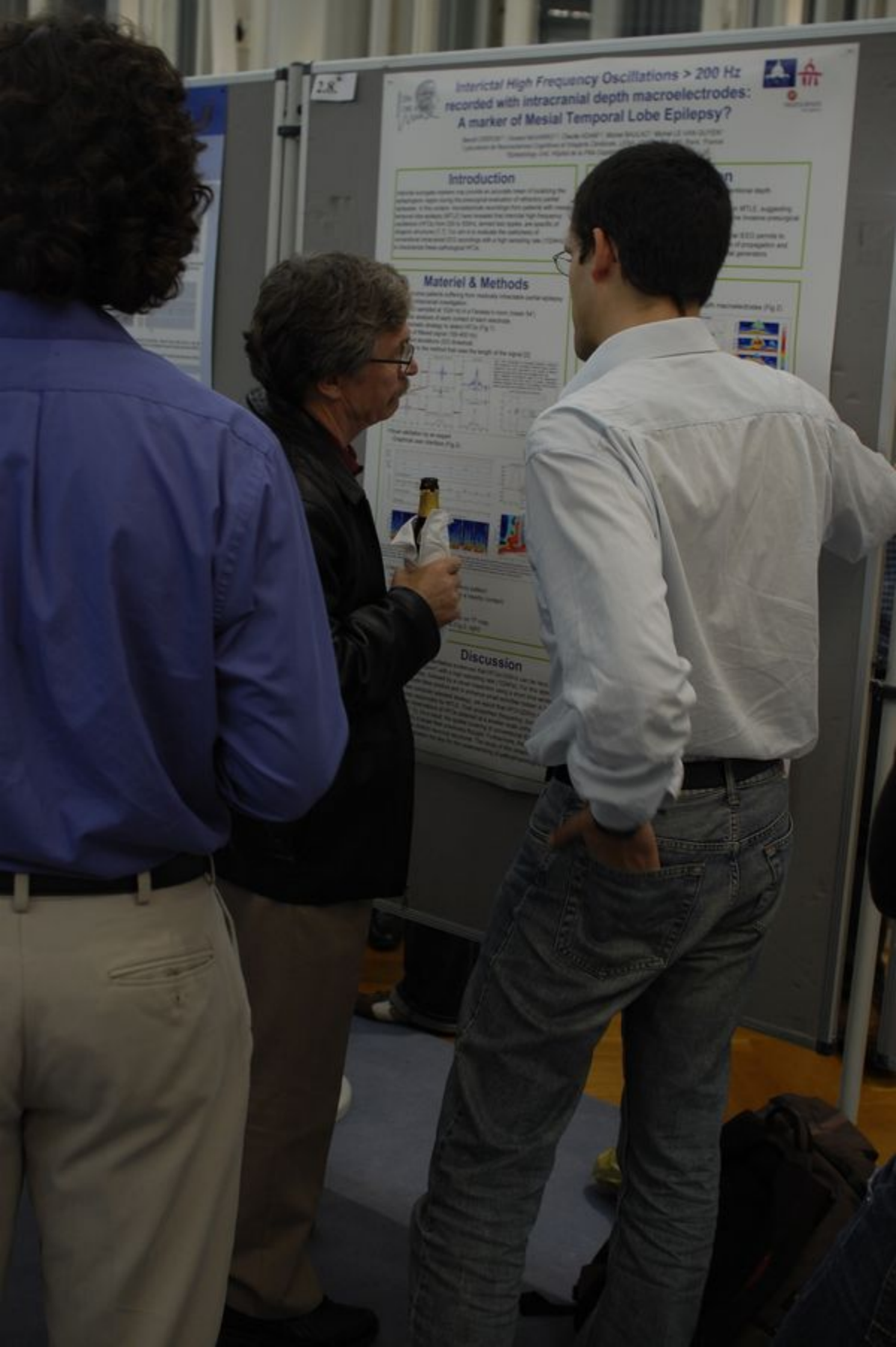
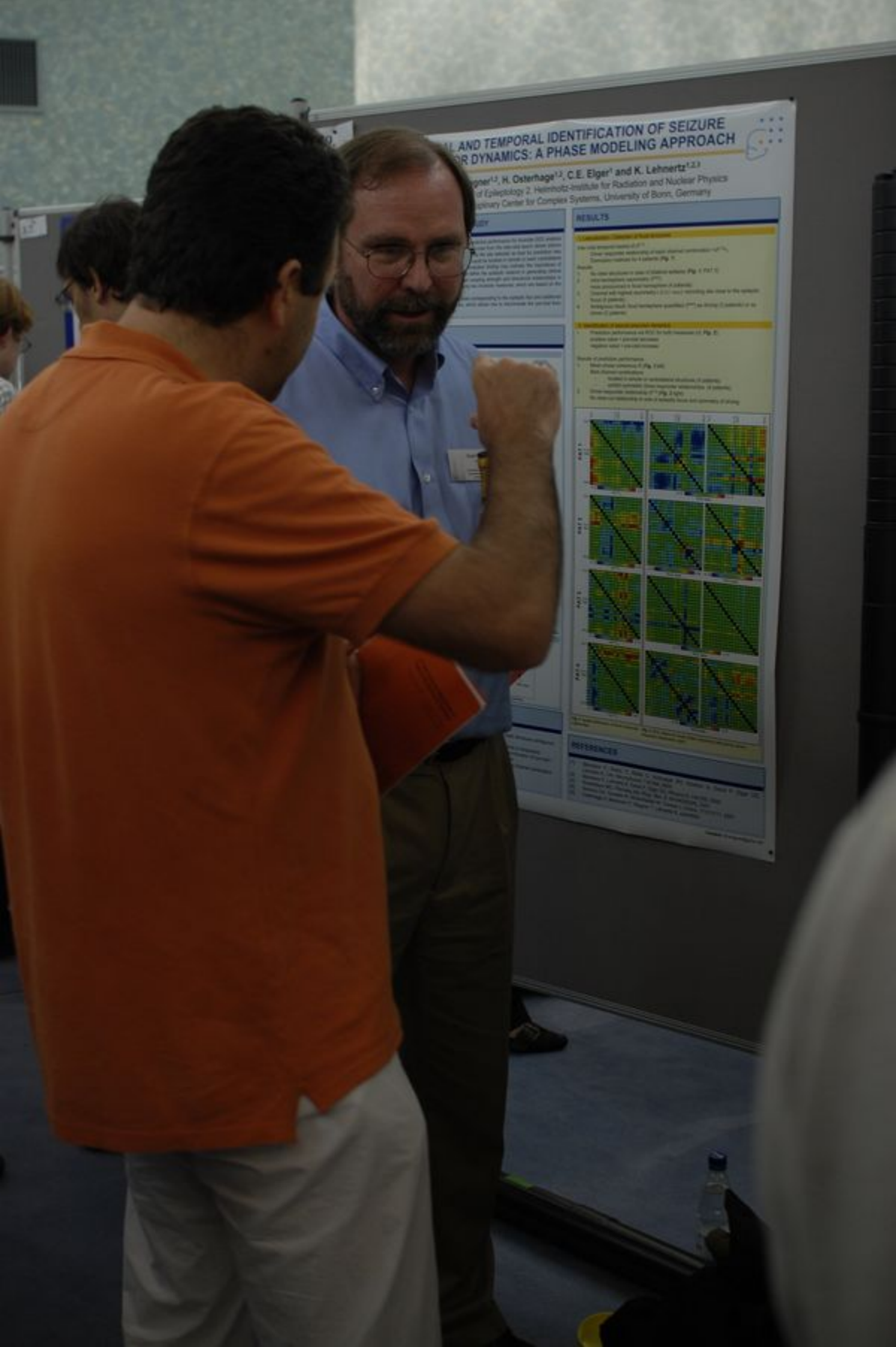

Seizure Detection Enhanced by Seizure Prediction

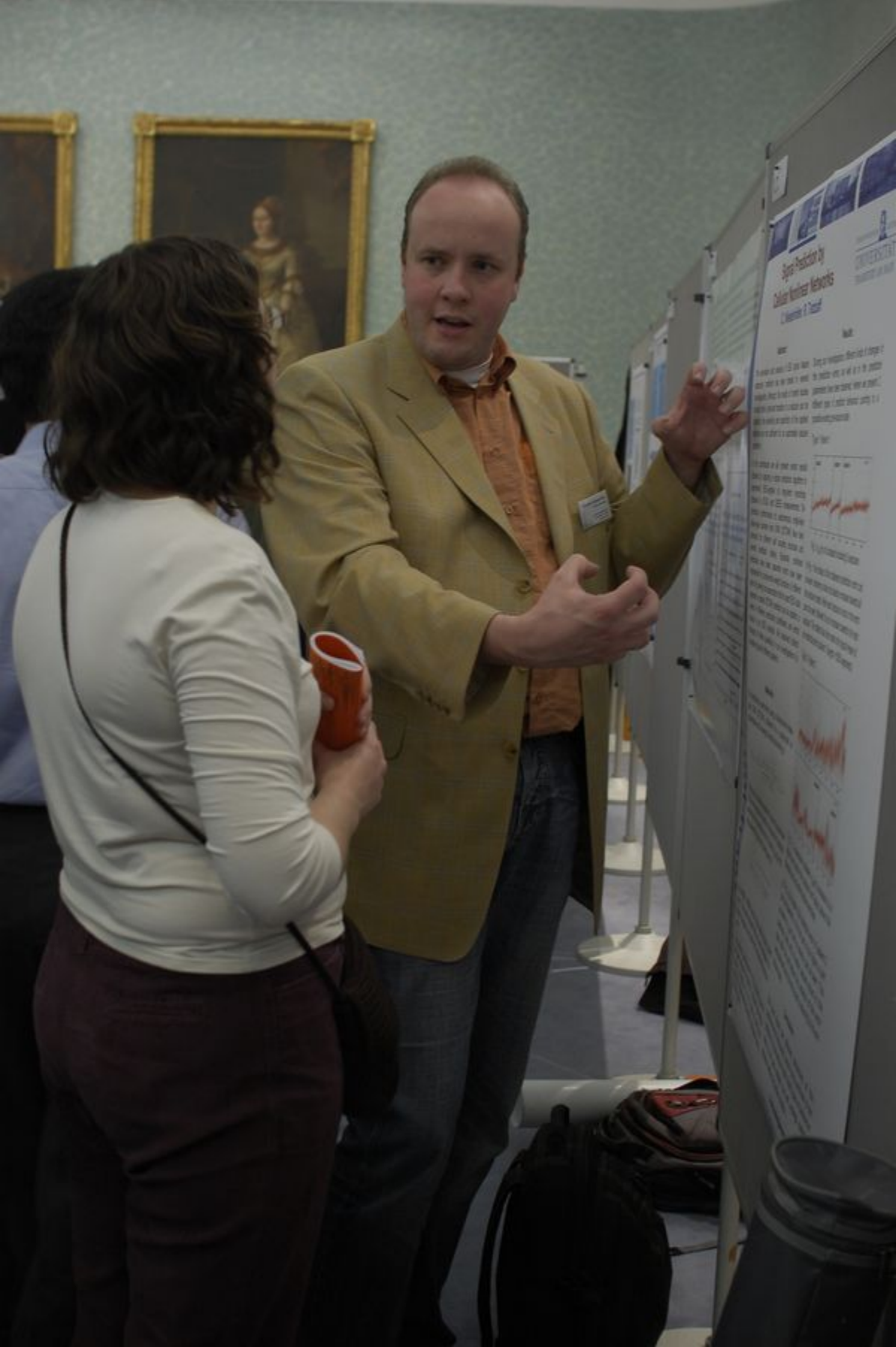

The imagination driving Australia's ICT future.
Randomized EEG Analysis
NICTA
Objective
Methods
sults
Different n for each patient (60x1 sec)

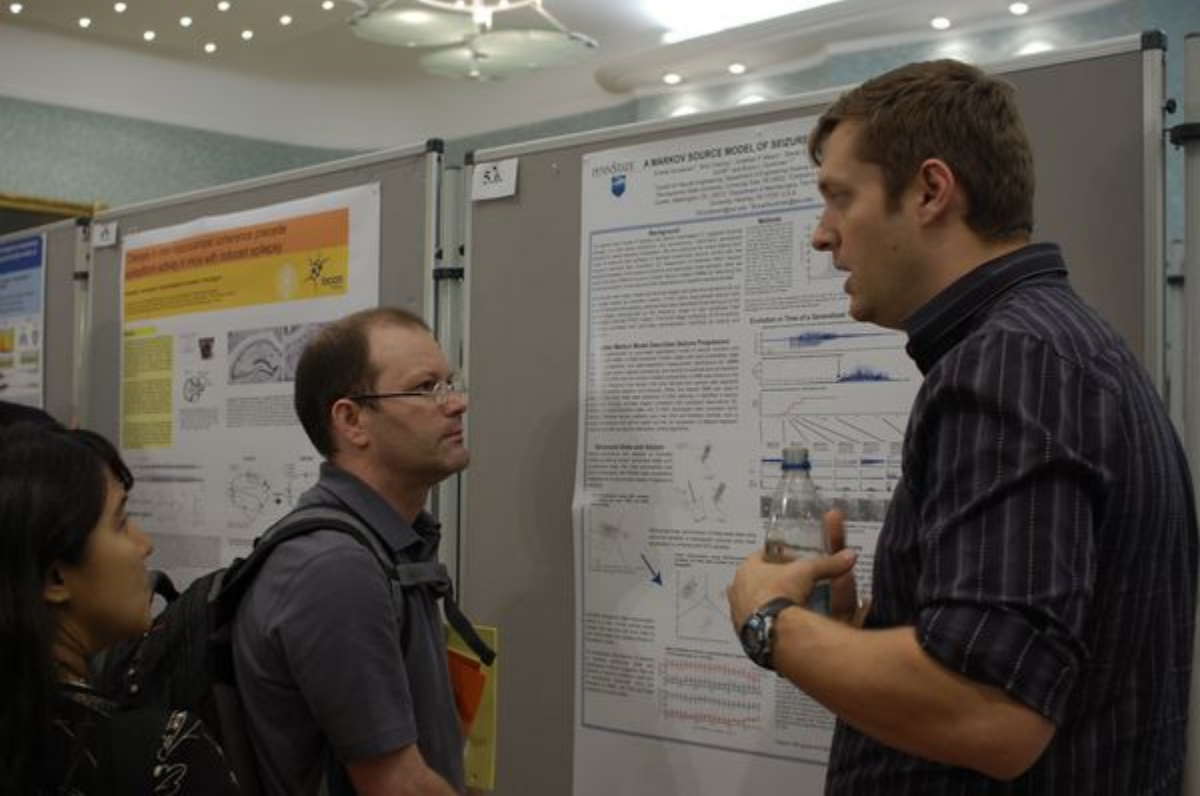


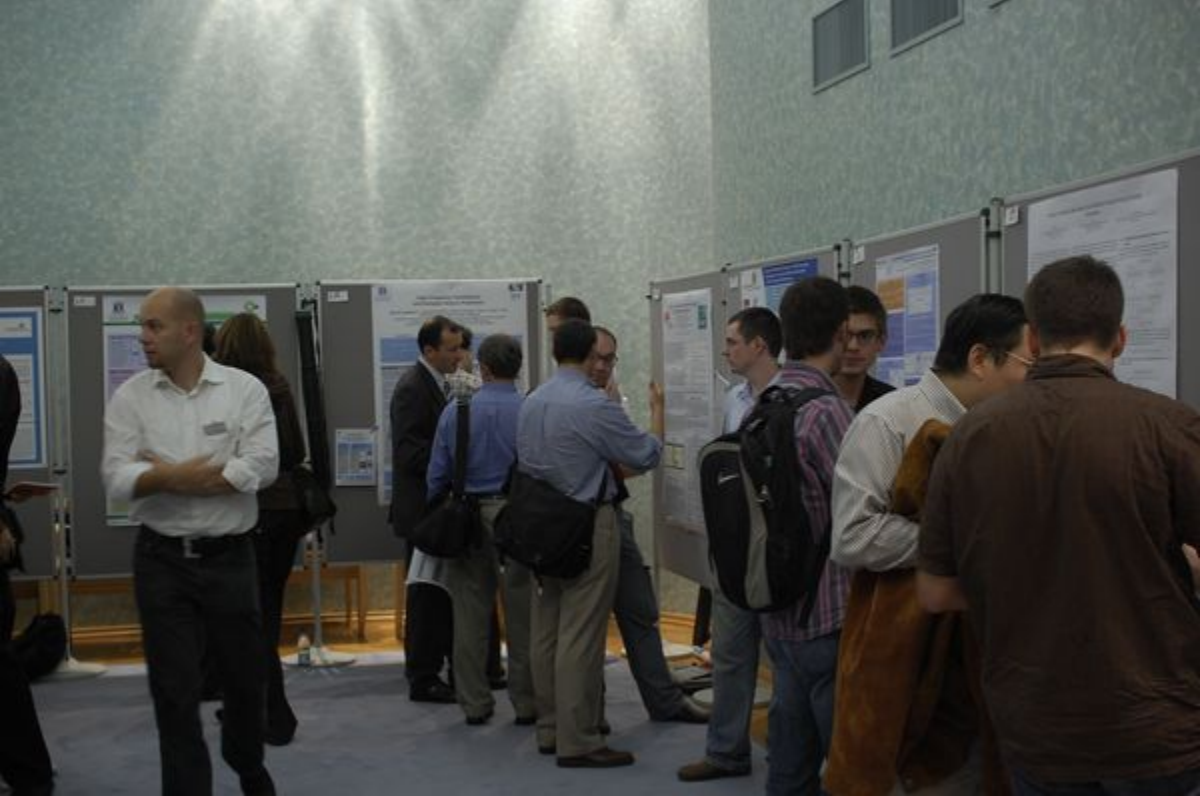

Interictal High Frequency Oscillations > 200 Hz recorded with intracranial depth macroelectrodes: A marker of Mesial Temporal Lobe Epilepsy?
Introduction
Materiel & Methods
Discussion


3.11.
Microanatomy of Epileptiform Activity in Human Multielectrode
FedEx
Express

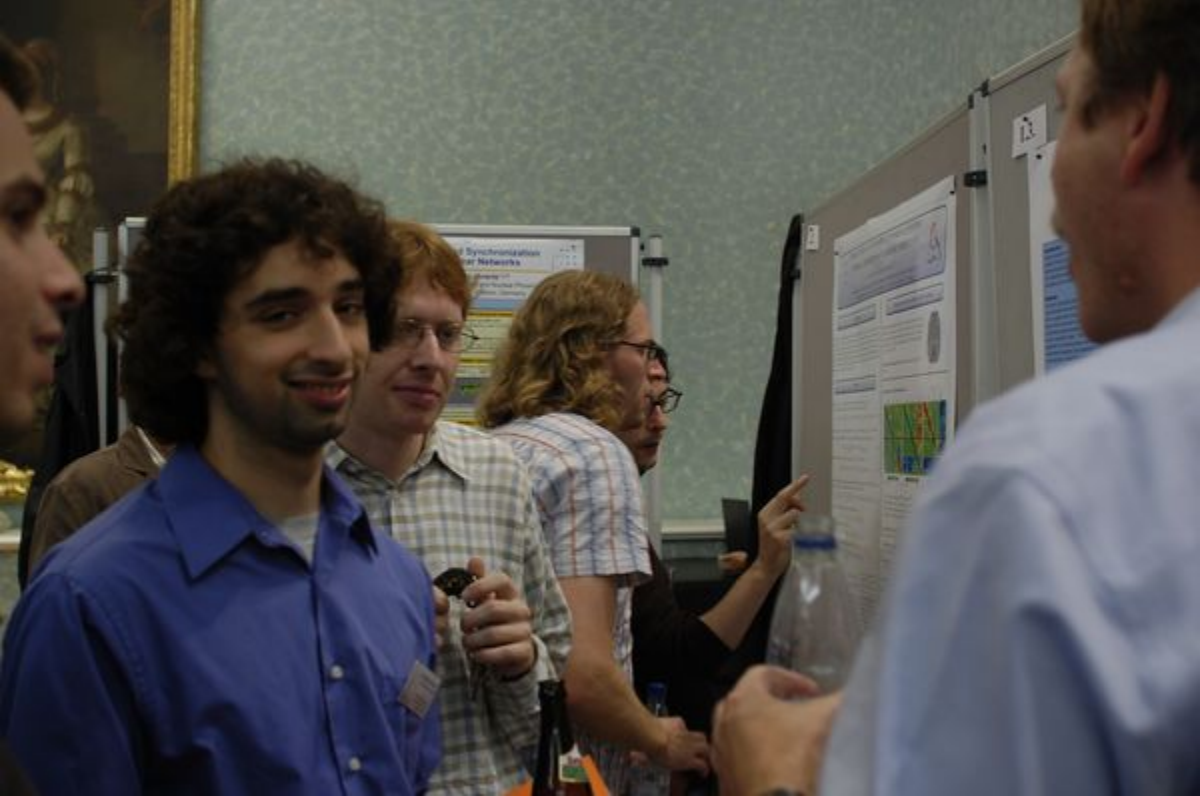

AND TEMPORAL IDENTIFICATION OF SEIZURE
R DYNAMICS: A PHASE MODELING APPROACH
RESULTS
REFERENCES

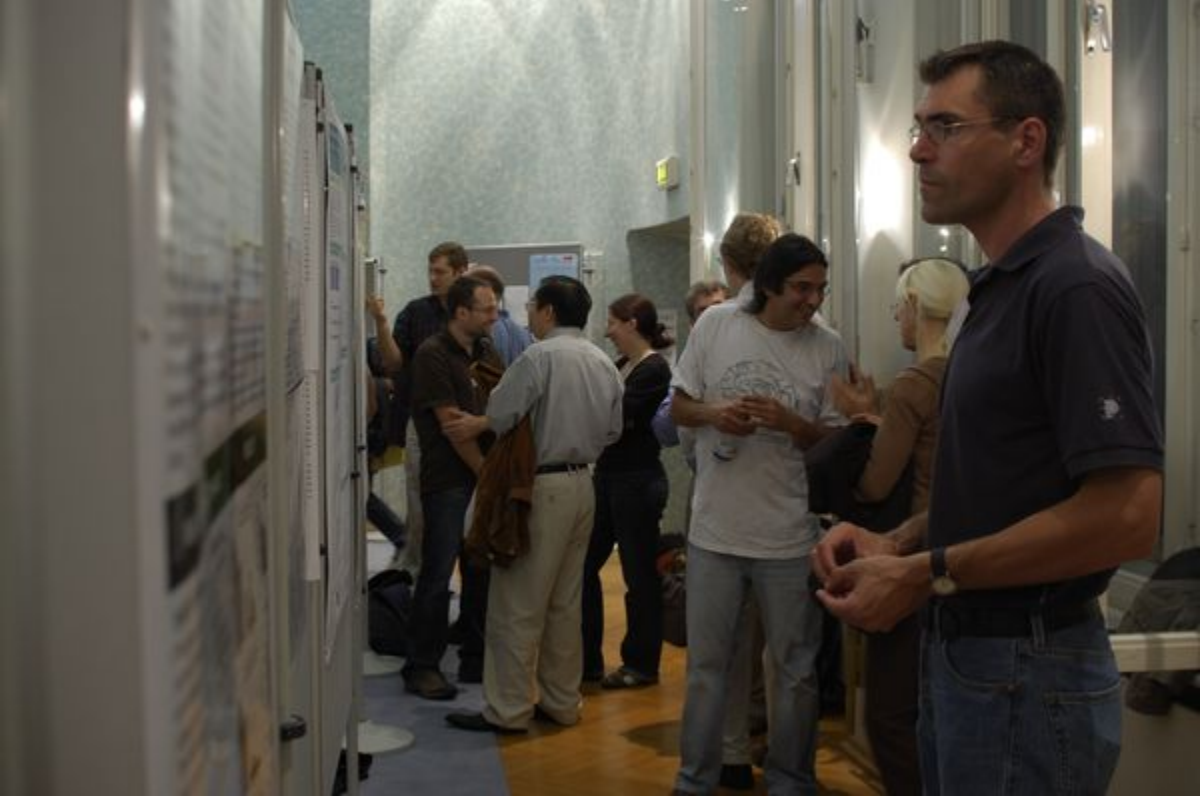


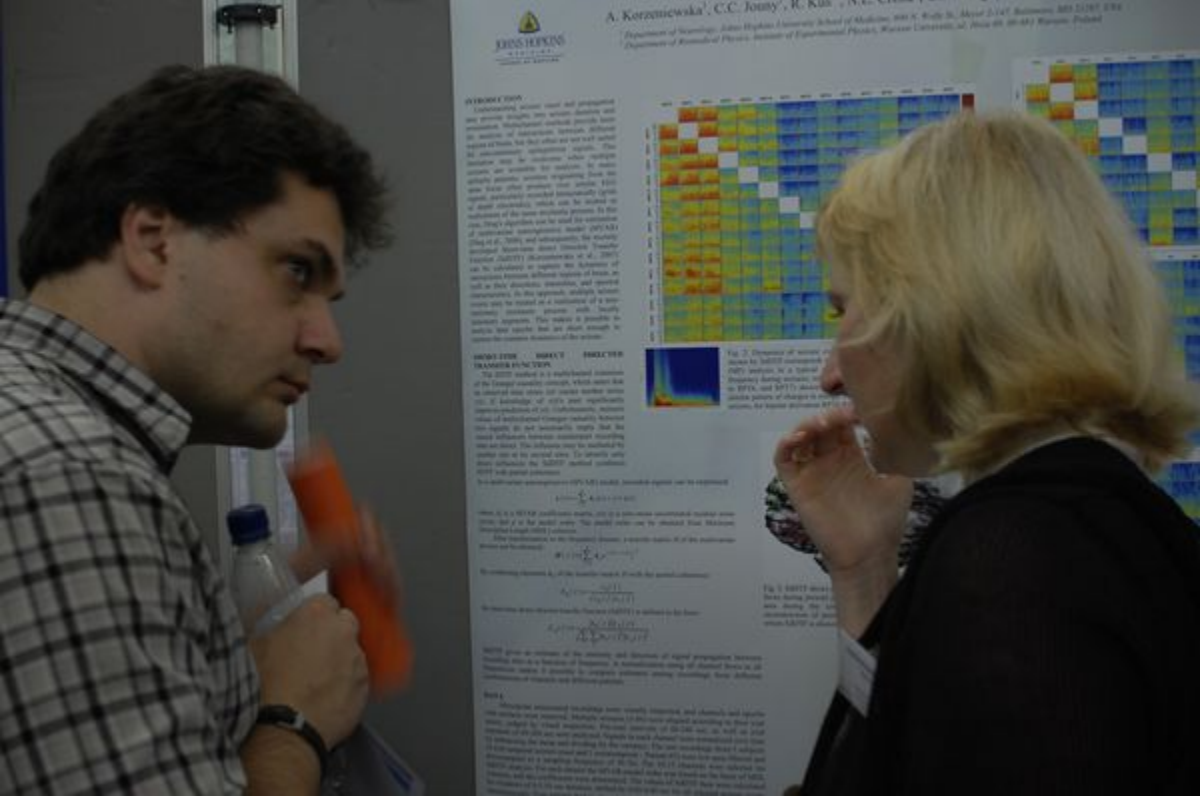

A MARKOV SOURCE MODEL OF SEIZURE



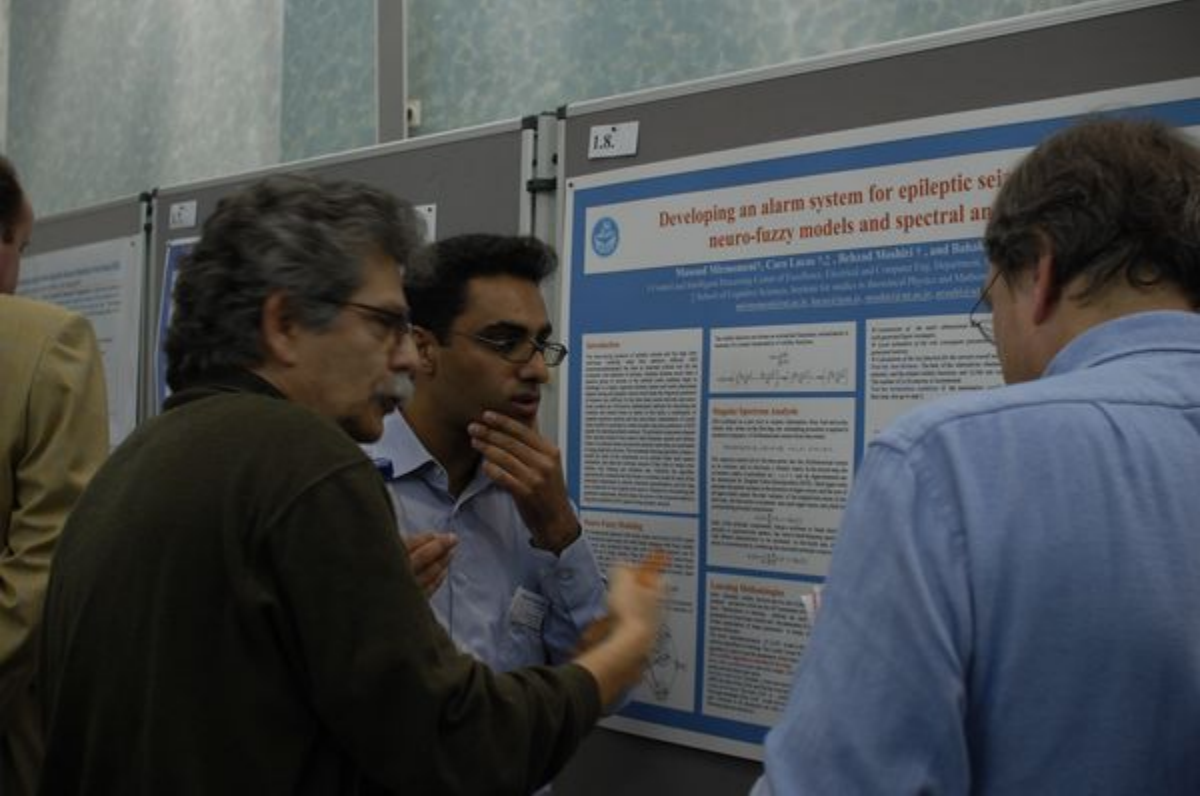

ANALYSIS OF THE DYNAMICS OF
Abstract

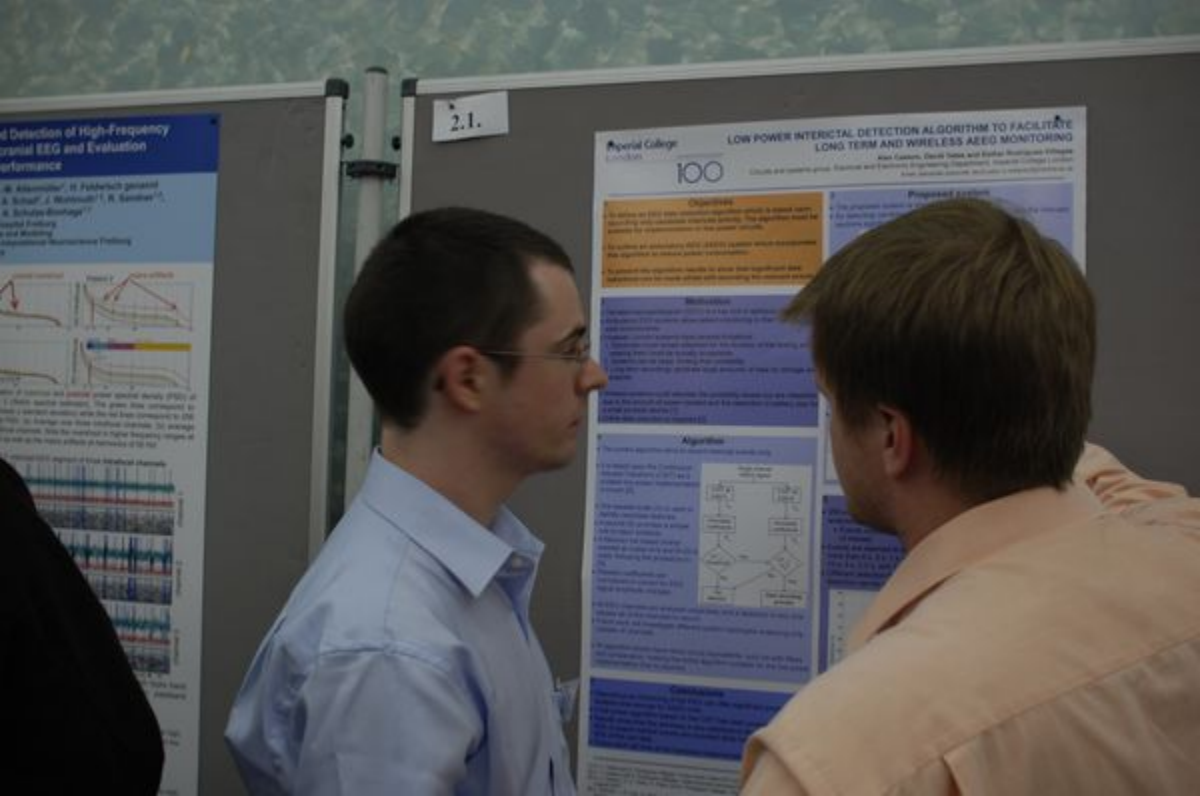


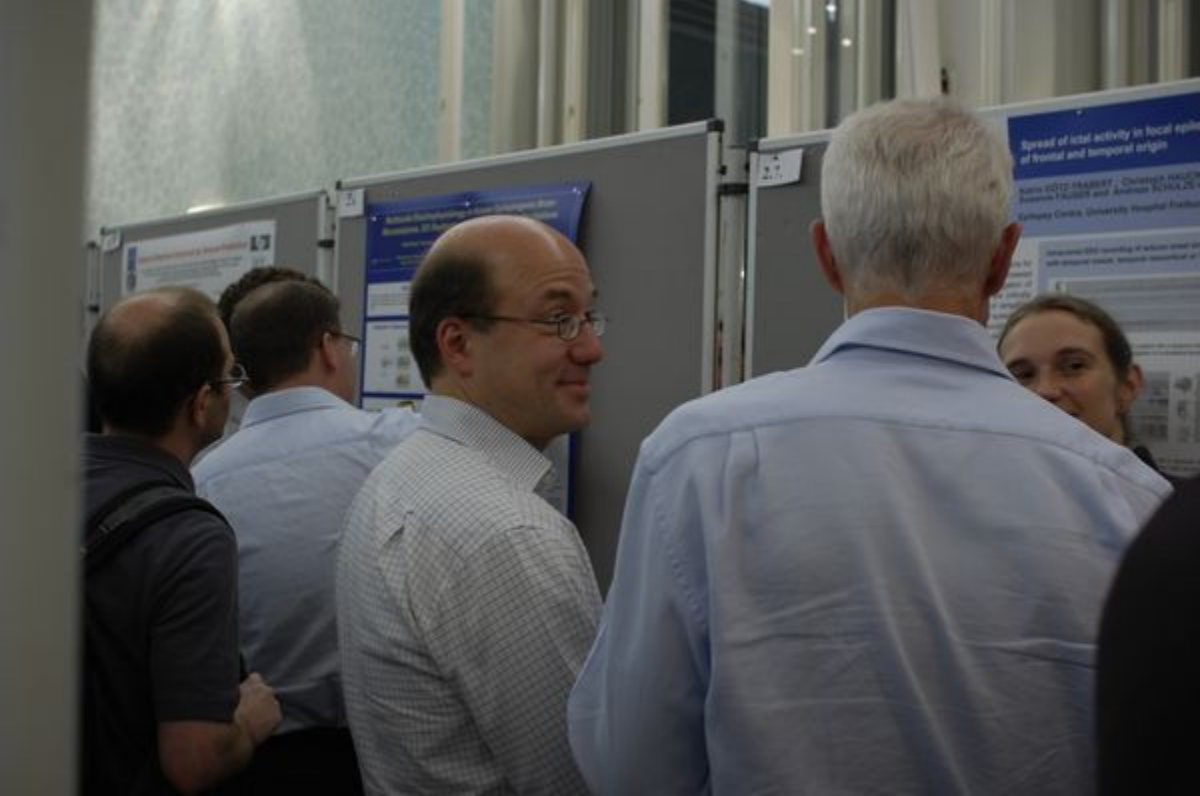


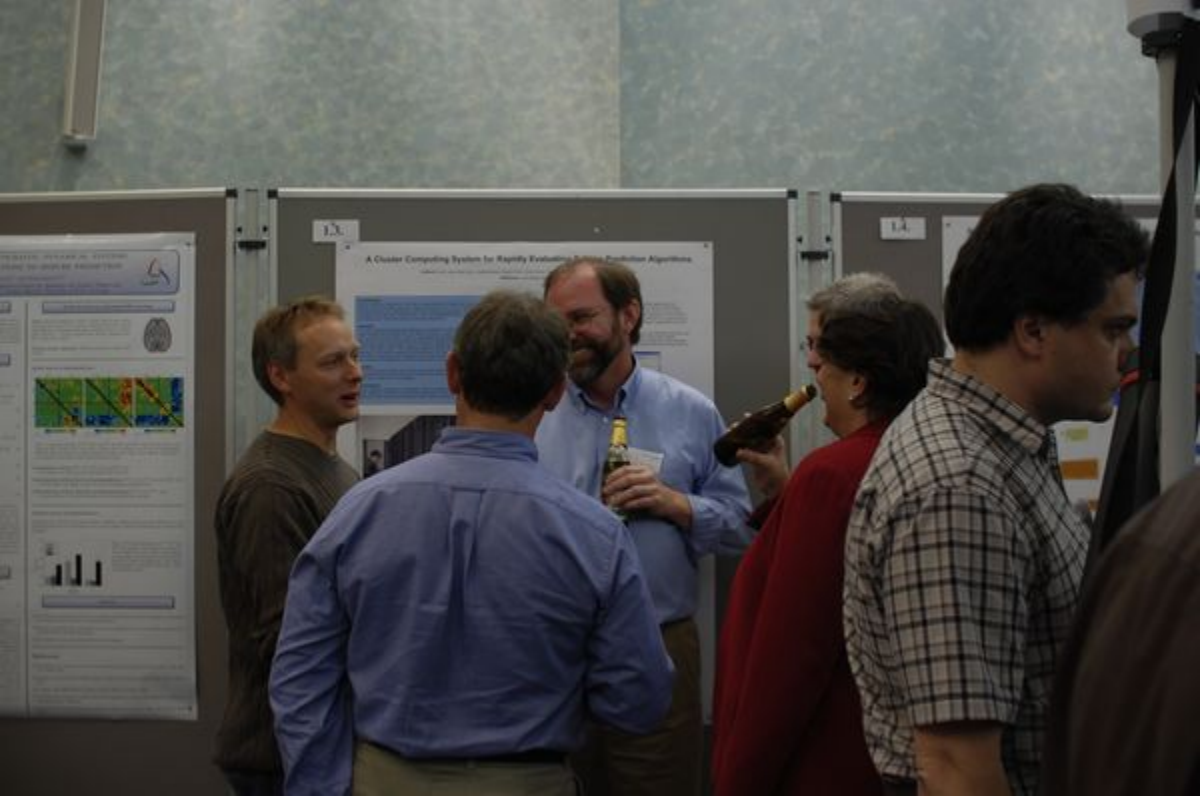


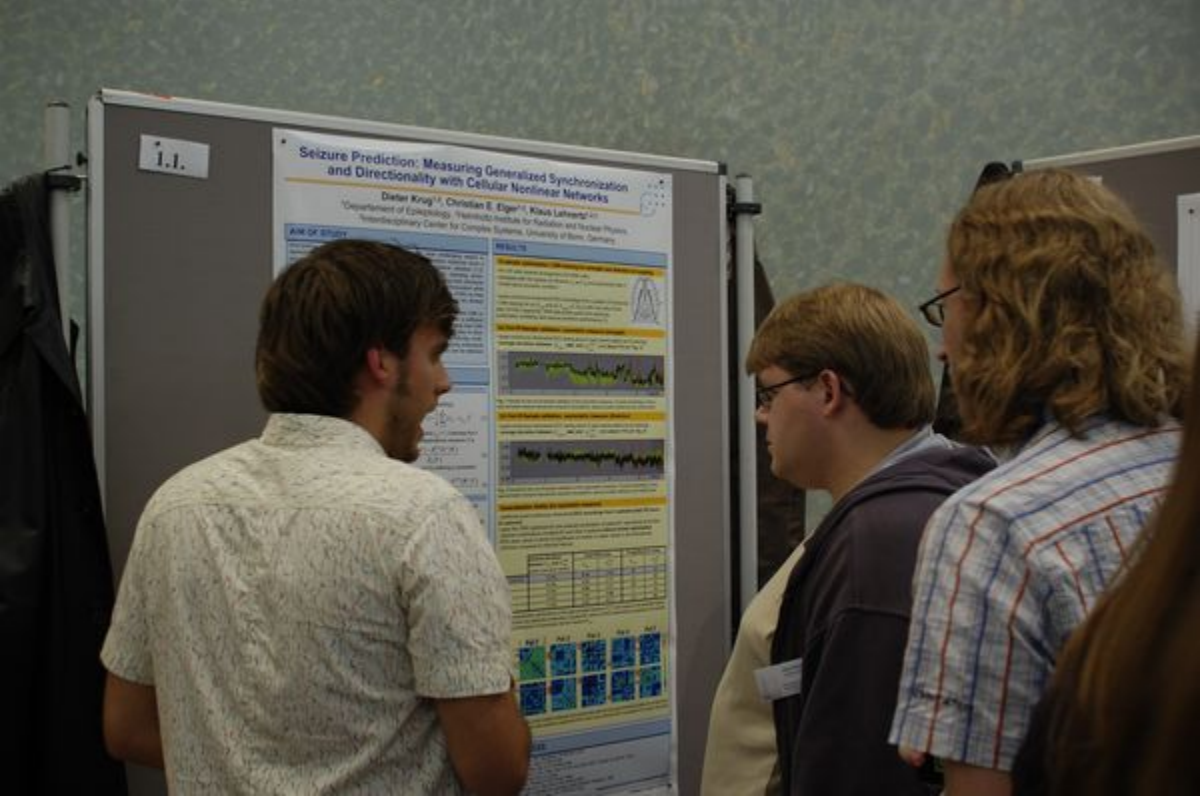

2.8.
Interictal High Frequency Oscillations > 200 Hz
3.1.
Spatio-temporal

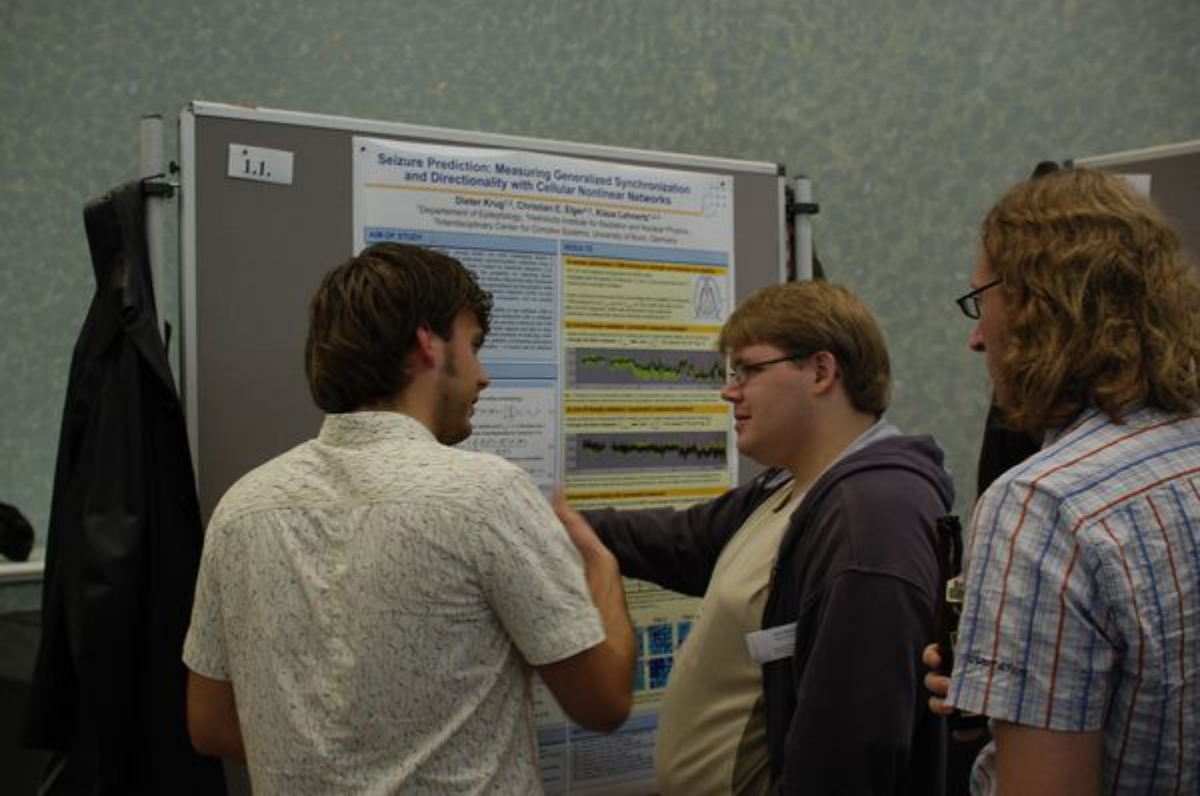

1.8.
Developing an alarm system for epileptic sei
neuro-fuzzy models and spectral an


2.1.
Imperial College London
100
LOW POWER INTERICTAL DETECTION ALGORITHM TO FACILITATE LONG TERM AND WIRELESS AEEG MONITORING
Objectives
Proposed system
Motivation
Algorithm
Conclusions


Spread of ictal activity in focal epile
of frontal and temporal origin


13.
A Cluster Computing System for Rapidly Evaluating
14.


1.1.
Seizure Prediction: Measuring Generalized Synchronization and Directionality with Cellular Nonlinear Networks
Dieter Krug[1,2], Christian E. Elger[1,2], Klaus Lehnertz[1,2,3]
[1]Department of Epileptology, [2]Helmholtz Institute for Radiation and Nuclear Physics, [3]Interdisciplinary Center for Complex Systems, University of Bonn, Germany
AIM OF STUDY
RESULTS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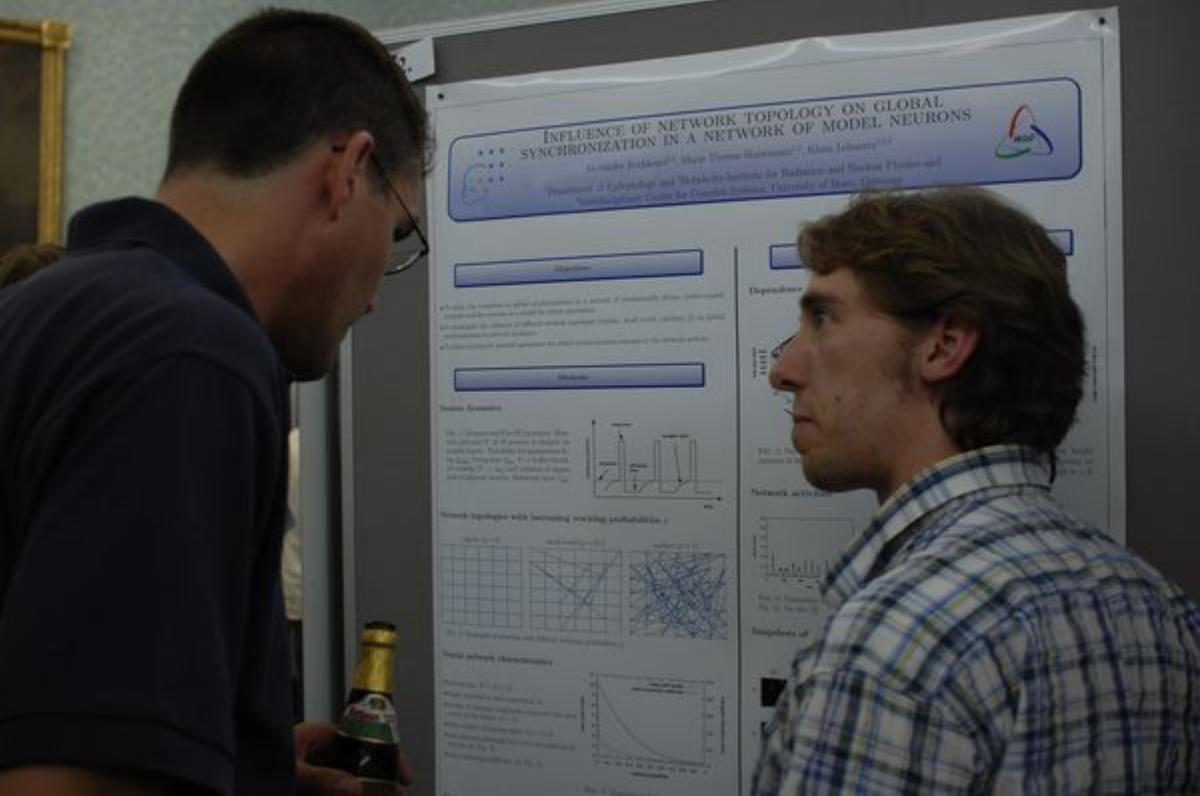
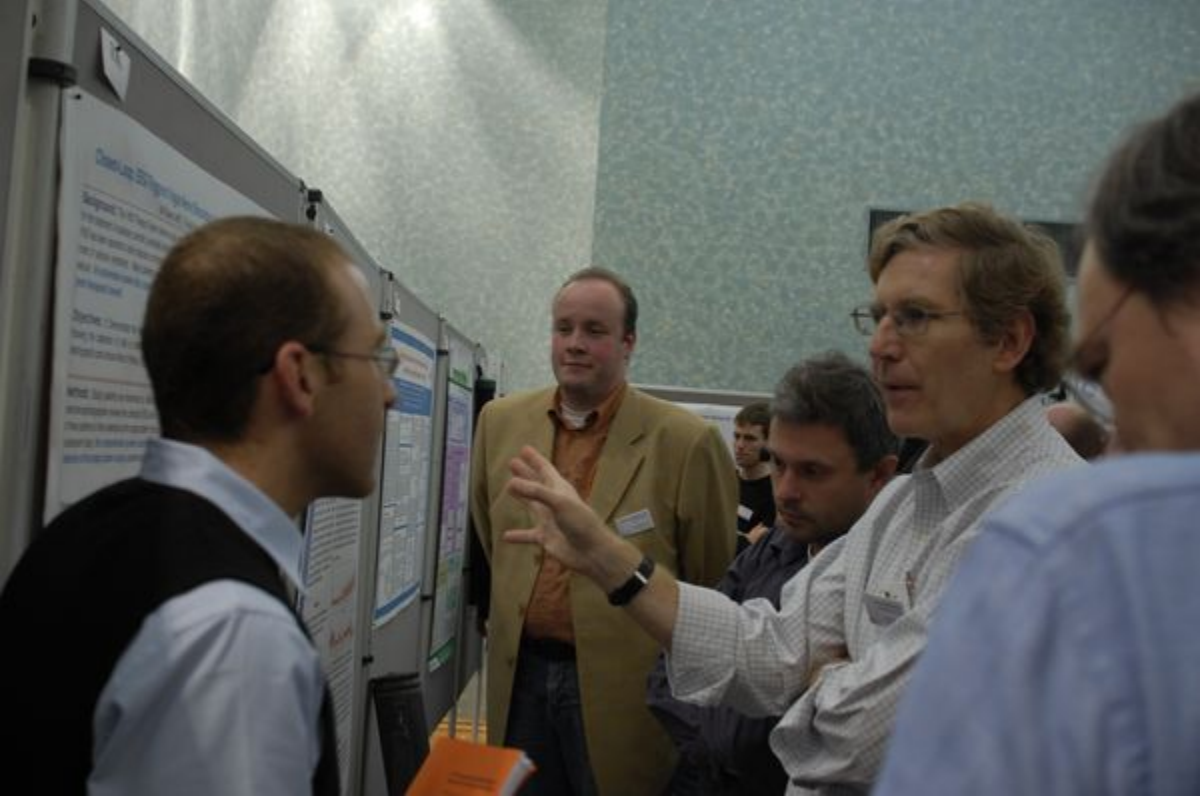
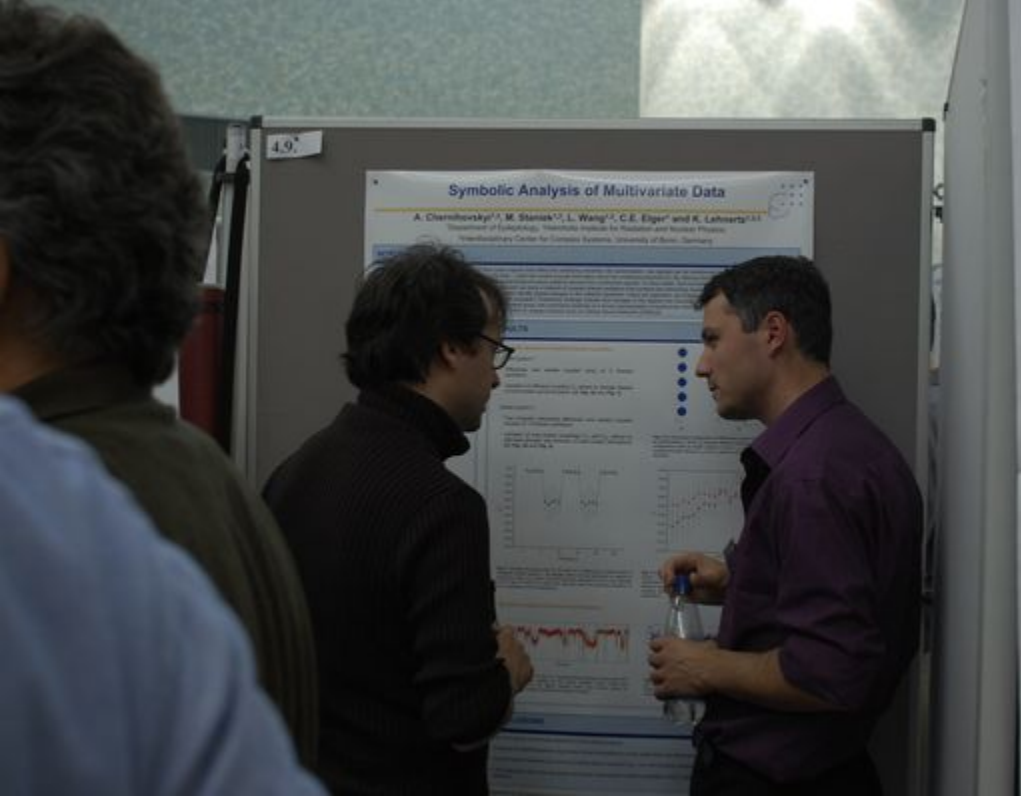
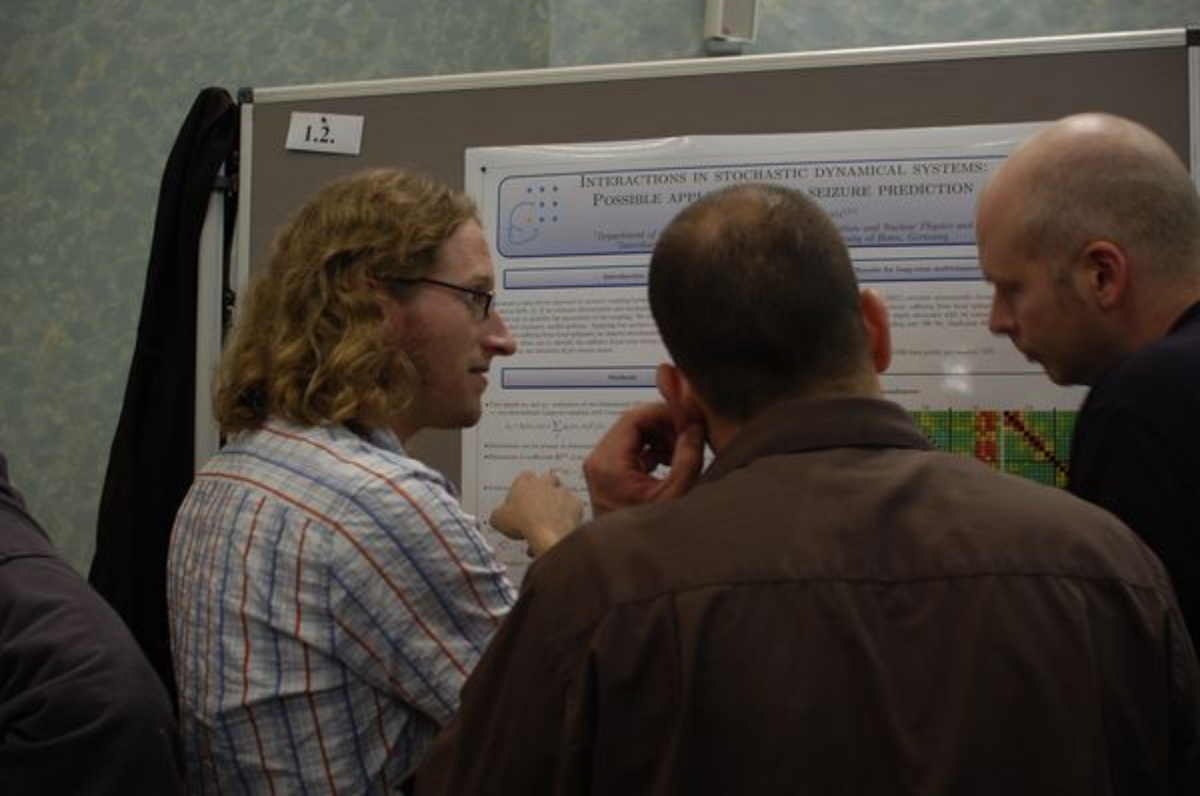
AIM OF STUDY


INFLUENCE OF NETWORK TOPOLOGY ON GLOBAL SYNCHRONIZATION IN A NETWORK OF MODEL NEURONS




4.9
Symbolic Analysis of Multivariate Data


1.2.
INTERACTIONS IN STOCHASTIC DYNAMICAL SYSTEMS:
SEIZURE PREDICTION


I.I.T.
FIRST
UNIVERSITÄTS KLINIKUM
bccn
Results and Conclusion


4.4.


Registration
Desk


Poster Award
Poster Award