

Conference opening ceremony

Room, date, time

bldg. B-2 aud. 100, Wed. Sep. 20, 10:00 – 10:15

Keynote Lecture

Room, date, time

K1

bldg. B-2 aud. 100, Wed. Sep. 20, 10:15 – 11:00

Chairpersons:

Jacek Waniewski

Leszek Królicki, Molecular Imaging Today

Oral session

Room, date, time

O1 Medical imaging and image processing I

Chairpersons:

bldg. B-2 aud. 100, Wed. Sep. 20, 11:30 – 13:00

Anna Korzyńska, Adam Piórkowski

- 12 Marek Wodzinski, Andrzej Skalski, Piotr Kedzierawski, Tomasz Kuszewski and Izabela Ciepiela,
Usage of ICP Algorithm for Initial Alignment in B-Splines FFD Image Registration in Breast Cancer Radiotherapy Planning
- 16 Juliusz Kulikowski and Małgorzata Przytulska
Basic Concepts of 3D Morphological Spectra – Generation and Applications
- 17 Jaromir Przybyło and Paweł Dobosz
Functional endoscopic sinus surgery with Head Mounted Display and video analysis
- 22 Bartosz Kopczyński, Paweł Strumiłło and Ewa Niebudek-Bogusz
Computer analysis of normal and pathological vocal folds oscillations from videolaryngostroboscopic images
- 106 Antonina Mlynarczyk-Kochanowska, Michał Strzelecki, Ernest Jan Bobeff and Dariusz Jan Jaskólski
Volume estimation of normal and pathological brain structures
- 112 Jolanta Karpowicz and Krzysztof Gryz
Variables in the pattern of the personnel exposure to electromagnetic field in magnetic resonance imaging facilities (0.1-7 T) in the context of workplace legislation

Oral session

Date, time

O2 Biomaterials and tissue engineering

Chairpersons:

bldg. B-2 aud. 140, Wed. Sep. 20, 11:30 – 13:00

Dorota Pijanowska, Elżbieta Pamuła

- 19 Magdalena Ochab, Andrzej Swierniak, Jerzy Klamka and Krzysztof Puszcynski
Influence of Stochasticity in Threshold Localization on Cell Fate in the PLDE-Model of p53 Module
- 33 Monika Kurpas and Krzysztof Puszcynski
Simulation Analysis of the Homologous Recombination Repair Distribution over the Cell Cycle
- 36 Marek Kowal and Józef Korbicz
Marked point process for nuclei detection in breast cancer microscopic images
- 39 Kaja Frączkowska, Aleksandra Kaczorowska, Weronika Lamperska, Jan Masajada, Magdalena Przybyło, Halina Podbielska, Tomasz Wróbel and Marta Kopaczynska
Alterations of biomechanics in cancer stem cells induced by cytostatic drugs used in acute myeloid leukemia
- 42 Maciej Duda, Magdalena Wawryńska, Edyta Wysokińska, Wojciech Kałas, Halina Podbielska and Marta Kopaczynska
CD133 antibody biofunctionalized intravascular implant surfaces for cardiovascular applications
- 98 Magdalena Tomanik, Magdalena Kobielska, Celina Pezowicz and Jarosław Filipiak
Laser irradiated biopolymers for scaffolds with controlled degradation properties

Oral session

Date, time

Chairpersons:

O3, Biomedical signal processing

bldg. B-2 aud. 100, Wed. Sep. 20, 14:00 – 15:30

Józef Korbicz, Piotr Ładyżyński

- 7 Aleksandra Królak
Influence of skin tone on efficiency of vision-based heart rate estimation
- 10 Sławomir Kotyra and Grzegorz M. Wojcik
The Station for Neurofeedback Phenomenon Research
- 14 Sławomir Kotyra and Grzegorz M. Wojcik
Steady State Visually Evoked Potentials and their analysis with graphical and acoustic transformation
- 41 Agnieszka Świerkosz
Information coding and decoding using Discrete Wavelet transform
- 49 Daria Hemmerling, Magdalena Wójcik-Pędziwiatrz, Michałina Malec-Litwinowicz, Natalia Grabska and Michał Michalski
Parkinson's disease progression monitoring based on voice recordings
- 54 Michał M. Placek, Marek Cygan, Paweł Wachel and Magdalena Kasprowicz
Estimating phase shift using matching pursuit algorithm to assess cerebral autoregulation

Oral session

Date, time

Chairpersons:

O4 Medical optics

bldg. B-2 aud. 140, Wed. Sep. 20, 14:00 – 15:30

Agnieszka Ulatowska-Jarża, Adam Liebert

- 43 Aleksandra Kaczorowska, Iwona Hołowacz, Agnieszka Ulatowska-Jarża, Maciej Duda, Wojciech Kałas, Edyta Wysokińska, Halina Podbielska and Marta Kopaczyńska
Photoactive matrix for intravascular photodynamic therapy applications
- 50 Weronika Lamperska, Kaja Frączkowska, Aleksandra Kaczorowska, Jan Masajada, Halina Podbielska, Tomasz Wróbel and Marta Kopaczyńska
Optical tweezers as a powerful tool to study changes in mechanical properties of cancer cells
- 57 Iwona Hołowacz, Agnieszka Suchwałko, Igor Buzalewicz, Katarzyna Kowal, Halina Podbielska and Agnieszka Ulatowska-Jarża
Porous silica materials as photosensitizers carriers
- 87 Saeed Samaei, Piotr Sawosz, Anna Gerega, Aleh Sudakou and Adam Liebert
Combined use of time-resolved near infrared spectroscopy and diffuse correlation spectroscopy in monitoring of brain perfusion and oxygenation
- 92 Aleh Sudakou, Piotr Sawosz, Anna Gerega and Adam Liebert
Optimal selection of wavelengths for estimation of oxy-, deoxy- hemoglobin and cytochrome-c-oxidase from time-resolved NIRS measurements
- 104 Karolina Bejm, Stanisław Wojtkiewicz, Piotr Sawosz, Anna Stecka, Nikodem Hryniwicz, Roman Maniewski and Adam Liebert
High-resolution optical imaging of cerebral cortex activity during visual stimulation

Accompanying Event

Room, date, time

Visit to Krakow Cardiac Research Institute Core Lab

A1

meet at reception desk Wed. Sep. 20, 14:00

Oral session

Date, time

Chairpersons:

O5 Measurements in biology and medicine I

bldg. B-2 aud. 100, Wed. Sep. 20, 16:00 – 17:30

Paweł Strumiło, Władysław Torbicz

- 51 Agnieszka Uryga, Agnieszka Kazimierska, Arkadiusz Mielczarek, Michał M. Placek, Paweł Wachel and Magdalena Kasprowicz
The relationship between baroreflex sensitivity and cerebral autoregulation during controlled breathing

- 63 Agnieszka Kazimierska, Agnieszka Uryga, Michał M. Placek, Paweł Wachel and Magdalena Kasprowicz
Baroreflex sensitivity estimation during postural change in joint time and frequency domain
- 74 Małgorzata Żmudzińska, Marcin Inglot, Ewelina Świątek-Najwer, Urszula Zaleska-Dorobisz and Celina Pezowicz, *The assessment of Shear Wave Elastography (SWE) application in research of liver mechanical properties*
- 99 Martyna Lachowska, Anna Gerega, Piotr Sawosz, Keith St Lawrence, Laura Morrison, Eric Wright and Adam Liebert, *Estimation of brain hemodynamic parameters using multiwavelength time-resolved NIRS technique combined with ICG bolus-tracking method*
- 97 Paula Stępień, Zuzanna Miodońska, Michał Kręcichwost, Paweł Badura, Piotr Zarychta, Marcin Rudzki, Jacek Kawa and Ewa Piętka
Innovative solutions in telecare - activity monitoring of the elderly - summary of the project

Special session

SS1 Certification system for clinical engineers

Date, time bldg. B-2 aud. 140, Wed. Sep. 20, 16:00 – 17:30
 Chairpersons: *Ewa Zalewska, Tadeusz Pałko*

- 109 Ewa Zalewska and Tadeusz Palko, *Specialization and certification in medical engineering*
 901 Tadeusz Palko,
General information by National Consultant of Ministry of Health in medical engineering.
 902 Kazimierz Pczalski, Tadeusz Palko, *Certification of medical engineers in Poland*

Special session

SS2 70 anniversary of prof. Ryszard Tadeusiewicz

Date, time bldg. B-2 aud. 100, Wed. Sep. 20, 17:30 – 19:00
 Chairperson: *Piotr Augustyniak*

Piotr Szymczyk, *Wyzszość psa naturalnego nad cybernetycznym*
 Tadeusz Juliszewski, *Dom i przyroda*
 Wiesław Wszołek, *Ryszard za sterem, nie tylko w rektoracie*
 Piotr Augustyniak, *Podróże po świecie*
 Joanna Grabska-Chrzastowska, *Kobiety w życiu profesora*
disscussion

Keynote Lecture

K2

Room, date, time bldg. B-2 aud. 100 Thu, Sep. 21, 9:00 – 9:50
 Chairpersons: *Piotr Augustyniak*

Adam Liebert, *Transcranial Optical Measurement of Brain Perfusion and Oxygenation*

Oral session

O6 Biomechanics and artificial organs

Date, time bldg. B-2 aud. 100, Thu. Sep. 21, 10:00 – 11:30
 Chairpersons: *Celina Pezowicz, Marek Gzik*

- 76 Marta Kozuń and Celina Pezowicz
The influence of atherosclerosis on the delamination properties of human thoracic aorta
- 79 Katarzyna Arkusz, Tomasz Klekiel, Grzegorz Ślawiński and Romuald Będziński
The numerical analysis of the damping properties of soft tissue and bone elements in lumbar-pelvic complex under impact load
- 82 Klaudia Kozłowska, Mirosław Łatka, Sławomir Budrewicz and Magdalena Koszewicz
Low-frequency fluctuations of postural sway velocity in Parkinson's disease
- 108 Sylwia Szotek, Katarzyna Polak-Kraśna, Diana Petryczuk and Celina Pezowicz
The mechanical properties of the denticulate ligament in different levels of the spine

Oral session

Date, time

Chairpersons:

O7, Education in biomedical engineering

bldg. B-2 aud. 140, Thu. Sep. 21, 10:00 – 11:30

Halina Podbielska, Tadeusz Pałko

- 58 Antoni Nowakowski, *Biomedical engineering in Gdańsk University of Technology – the follow up*
88 Kazimierz Pczalski and Tadeusz Pałko
The theory, practice and needs of the medical engineering in Poland
90 Kazimierz Pczalski, Tadeusz Pałko, Natalia Golnik, Elzbieta Słubowska and Krzysztof Lewenstein
The innovative model of education of medical engineers
107 Marek Gzik, Paweł Kostka, Zbigniew Paszenda and Marcin Kaczmarek
Information Systems in Medicine - new specialization in English on Bachelor level, at Biomedical Engineering Faculty of Silesian University of Technology

Open Lecture

Room, date, time

Ewa Zalewska, *Integrated Structural and Functional Research on Nervous System***A2**

bldg. B-2 aud. 110 Thu, Sep. 21, 10:00 – 11:30

Oral session

Date, time

Chairpersons:

O8 Modeling and computers in medicine

bldg. B-2 aud. 140, Thu. Sep. 21, 12:00 – 13:30

Aleksandra Jung, Jacek Waniewski

- 15 Piotr Augustyniak, *Localization of Noise Sources in a Multilead Electrophysiological Record*
26 Marta Orłowska, Rafał Jóźwiak and Piotr Regulski
Virtual tooth extraction from Cone Beam Computed Tomography scans
68 Leszek Pstraś and Jacek Waniewski
Mathematical modelling of relative and absolute blood volume changes during haemodialysis
31 Elzbieta Pociask, Magdalena Ślęzak, Kamila Kosińska, Klaudia Proniewska, Krzysztof Malinowski and Piotr Augustyniak, *Image Analysts' eye movement patterns during intravascular OCT interpretation*
96 Urszula Smyczynska, *Application of Kohonen and MLP networks for prediction of 1st-year response to growth hormone treatment in children*

Special session

Date, time

Chairpersons:

SS3 PSBE (PTIB) award nomination

bldg. B-2 aud. 100, Thu. Sep. 21, 12:00 – 13:30

*Ewa Zalewska, Marek Darowski***Poster session**

Date, time

Chairpersons:

P1

bldg. B-2, room 111, Thu. Sep. 21, 14:30 – 16:00

Ewa Piętka, Halina Podbielska, Juliusz Kulikowski

- 37 Bożenna Kuraszkiewicz, Hanna Goszczyńska and Maria Piotrkiewicz
Application of the method of estimation of afterhyperpolarization duration to assessment of bilateral changes in motoneurons of stroke survivors
100 Kamil Jonak, Paweł Krukow, Justyna Moryłowska-Topolska and Hanna Karakuła-Juchnowicz
Duration of untreated psychosis is associated with low-frequency functional connectivity in patients with first-episode schizophrenia
48 Piotr Szymczyk and Magdalena Szymczyk
Wireless communication infrastructure for smarter medical monitoring
5 Paweł Kłeczek, Sylwia Mól and Joanna Jaworek-Korjakowska
The accuracy of H&E stain unmixing techniques when estimating relative stain concentrations
13 Tomasz Leś, Tomasz Markiewicz and Janusz Patera
Automatic detection of cells in FISH images using map of colors and three-track segmentation
93 Robert Cierniak, *Statistical approach to the 3D spiral computed tomography with reduced dose absorbed by patients during examinations*

- 29 Joanna Jaworek-Korjakowska, Paweł Kłeczek and Ryszard Tadeusiewicz
Detection and classification of pigment network in dermoscopic color images as one of the 7-point checklist criteria
- 46 Ewelina Sobotnicka, Aleksander Sobotnicki, Dawid Roj and Janusz Jeżewski
Pyramid methods in analysis of the aorta images
- 47 Hanna Goszczyńska, Beata Toczyłowska, Małgorzata Michałowska, Paweł Senator and Urszula Fiszer
MRS and tractography brain studies in Parkinson's disease – preliminary study
- 70 Jan Juszczyk, Marcin Rudzki, Michał Kręcichwost, Dominik Spinczyk, Bartłomiej Pyciński, Joanna Czajkowska and Ewa Piętka, *Multimodal system for visualisation and monitoring of chronic skin wounds*
- 102 Przemysław Jędrusik, Robert Koprowski, Ilona Bednarek and Zygmunt Wróbel
Automatic segmentation of lung cancer cells with the new parameters by using methods of image processing and analysis.
- 103 Paweł Bzowski, Rafał Panek, Maria Schmidt and Damian Borys
The method based on Navier-Lame equation for distortion correction
- 9 Aleksandra Jung
Sensitivity analysis of two-compartment model parameters for extracorporeal liver therapy purposes
- 27 Miroslawa M. Długosz and Wojciech Kurzydło
Anatomy Trains modelling based on photogrammetric data
- 55 Joanna Gilewska, Marta Borowska and Piotr Laudański
Frequency modeling and numerical simulations of uterine contractile activity.
- 75 Anna Stecka, Marcin Michnikowski, Elżbieta M Grabczak, Krzysztof Zieliński, Monika Zielińska-Krawczyk, Piotr Korczyński, Krzysztof J Pałko, Rafał Krenke and Tomasz Gólczewski
Changes in blood gases during therapeutic thoracentesis in real and virtual patients
- 111 Patryk Zradziński, Jolanta Karpowicz and Krzysztof Gryz
Numerical modelling of direct biophysical effects of electromagnetic low or intermediate frequency influence in the user of wearable medical devices
- 115 Karolina Kurasz, Dorota Hudy, Magdalena Skonieczna, Ewelina Zarakowska, Krzysztof Fujarewicz and Joanna Rzeszowska-Wolny
Mathematical model of methylation and demethylation of cytosine forms
- 45 Mariusz Linard, Igor Buzalewicz and Agnieszka Ulatowska-Jarża
Antibacterial agents characterization by means of light diffraction phenomenon
- 60 Szymon Bajda, Martin Palmer and Michał Krzyzanowski, *Laser cladding of bioactive glass coating on metallic substrates with refined grain structure - computer modelling*
- 77 Anna Stecka, Karolina Bejm and Tomasz Gólczewski, *NIRS in analysis of physical activity influence on the way of muscular circulation response to breath-holding at the breakpoint - a pilot study*
- 83 Magdalena Morawiec, Piotr Sawosz, Aleh Sudakou and Adam Liebert
Near infrared light propagation profiles in an optically turbid medium – experimental studies and its comparison with Monte Carlo simulations
- 101 Maciej Perdziak, Dagmara Witkowska, Wojciech Gryniewicz, Paweł Czarnecki, Daniel Zielonka, Jarosław Łopatka and Jan Ober
Smooth pursuit eye movements in patients with Huntington's disease

Keynote Lecture

Room, date, time
 Chairpersons:

Hubert Harańczyk, *Physics of fairy-tales*

K3

bldg. B-2 aud. 100 Fri. Sep. 22, 9:00 – 9:50
Marek Darowski

Oral session

Date, time
 Chairpersons:

O9 Measurements in biology and medicine II

bldg. B-2 aud. 100, Fri. Sep. 22, 10:00 – 11:30
Ludomira Granicka, Jerzy Wtorek

- 67 Jarosław Glapiński, Janusz Mroczka and Anna Fijalkowska-Nestorowicz
Identification of the parameters of lung during recruitment maneuver.
- 69 Jan Juszczyk, Bartłomiej Pyciński, Joanna Czajkowska, Agata Wijata, Marta Galińska, Aleksandra Juraszczyc and Ewa Piętka, *Multimodal data acquisition in monitored biopsy procedure*
- 89 Kazimierz Peczalski, *The atomic sensors in the Magnetocardiography*
- 91 Małgorzata Debowska, Jan Poleszczuk, Alicja Wojcik-Zaluska, Wojciech Dabrowski, Mauro Pietribiasi, Andrzej Ksiazek, Wojciech Zaluska and Jacek Waniewski
Impact of hemodialysis on cardiovascular system
- 94 Joanna Bauer, Ignacy Górecki, Maria Litwin, Agnieszka Migasiewicz and Halina Podbielska
Influence of smartphones usage on the surface temperature distribution of parotid region

Oral session

O10 Medical imaging and image processing II

Date, time bldg. B-2 aud. 140, Fri. Sep. 22, 10:00 – 11:30
 Chairpersons: Ewa Piętka, Robert Cierniak

- 6 Anna Korzynska, Lukasz Roszkowiak, Krzysztof Siemion, Jakub Zak, Karolina Zakrzewska, Anna Samluk, Agnieszka Wencel, Krzysztof Pluta and Dorota Pijanowska
The analysis of the shape of the genetically modified human skin fibroblasts in culture
- 11 Marek Wdowiak, Tomasz Markiewicz and Szczepan Cierniak
An automatic quantitative evaluation of ladder pattern presented in intercellular spaces in histopathological images of reflux disease specimen stained with desmoglein-3 antibody.
- 32 Rafał Jóźwiak, Ewa Sobiesczuk, Bogdan Ciszek, Piotr Wolski, Michał Szklarski and Izabela Domitryz
Stroke Bricks - the segments of interests to localize early stages of the ischemia evolution
- 20 Karolina Nurzyńska, Adam Piorkowski, Marzena Bielecka and Rafal Obuchowicz
Automatical syndesmophyte contour extraction from lateral C spine radiographs
- 116 Beata Toczyłowska, Małgorzata Chalimoniuk, Małgorzata Michałowska, Paweł Senator, Urszula Fiszer
Serum metabolomics in Parkinson's disease

Open Course

A3

Room, date, time bldg. B-2, room 110, Fri. Sep. 22, 10:00 – 11:30
 Adam Liebert, *How to write a successful scientific paper*

Poster session

P2

Date, time bldg. B-2, room 111, Fri. Sep. 22, 12:00 – 13:30
 Chairpersons: Joanna Stachowska-Piętka, Marta Wasilewska-Radwańska, Antoni Nowakowski

- 4 Marcin Kołodziej, Andrzej Majkowski, Łukasz Oskwarek, Remigiusz Rak and Paweł Tarnowski
Processing and analysis of EEG signal for SSVEP detection
- 23 Barbara Stankiewicz, Marek Darowski and Krzysztof Jakub Pałko, *Influence of preterm birth, BPD and lung inhomogeneity on respiratory system impedance - Model Studies*
- 52 Iwona Gruszczyńska, Sławomir Grycuk, Marta Borowska, Paweł Kuć and Piotr Laudański
Analysis of EHG signals to prediction of preterm labor using joint recurrence plots
- 53 Michał Kręcichwost, Zuzanna Miodońska and Paweł Badura
Acoustic analysis of phoneme /s/ mispronunciations for sigmatism diagnosis
- 64 Piotr Lachert, Przemysław Pulawski, Dariusz Janusek, Daniel Milej, Piotr Sawosz, Michał Kacprzak and Katarzyna Blinowska
Coupling of oxy- and deoxy-hemoglobin concentrations with EEG rhythms during motor task
- 66 Marta Borowska and Paweł Kuć
Application of Entropy Measures for the Detection of Preterm Labor
- 71 Sławomir Grycuk, Iwona Gruszczyńska, Marta Borowska, Paweł Kuć and Piotr Laudański
Analysis of EHG signals in order to predict preterm labor using nonlinear dynamics methods

- 110 Petro Guchek, Karolina Bejm, Piotr Sawosz and Adam Liebert
Data acquisition and preprocessing software for high-density near-infrared spectroscopy device
- 25 Magdalena Antosiak-Iwanska, Ewa Godlewska, Joanna Kinasiewicz, Krzysztof Dudek, Jerzy Kawiak and Ludomira H. Granicka, *Cryopreservation of cells encapsulated within nano-thin polyelectrolyte coatings*
- 61 Anna Ciechanowska, Grażyna Hoser, Stanisława Sabalinska, Jerzy Kawiak, Artur Kaminski and Piotr Ladyżynski, *Preliminary study on the effect of zinc oxide nanoparticles (ZnO) on the properties of the endothelial cells*
- 62 Marcin Kaczmarek, Zbigniew Paszenda, Witold Walke and Marcin Basiaga
Pitting corrosion resistance of NiTi alloy in simulated physiological solutions
- 65 Barbara Zagrajczuk, Michał Dziadek, Karol Jartym, Katarzyna Cholewa-Kowalska and Maria Laczka
The influence of the heat treatment on the chemical activity of the glasses and glass-ceramics from the SiO₂-CaO and SiO₂-CaO-P₂O₅ systems
- 73 Agnieszka Wencel, Karolina Zakrzewska, Anna Samluk, Dorota Pijanowska and Krzysztof Pluta
New Methods for Plating Human Liver Cells
- 80 Michał Dziadek, Timothy Douglas, Josefien Schietse, Maria Buchweitz, Chris Vervaet, Barbara Zagrajczuk, Katarzyna Cholewa-Kowalska and Andre Skirtach
In vitro mineralization of pectin/bioactive glass injectable composites
- 84 Joanna Stachowska-Pietka, Jan Poleszczuk, Bengt Lindholm and Jacek Waniewski
Identification of the pathophysiological changes within the peritoneal transport barrier in patients undergoing peritoneal dialysis
- 85 Monika Drabik, Beata Kazimierczak, Angelika Kwiatkowska, Anna Grzeczkowicz, Magdalena Antosiak-Iwańska and Ludomira Granicka
Composite Membrane with Silver Nanoparticles for Supporting Fibroblastic Cell Growth
- 95 Katarzyna Wysocka-Król, Joanna Bauer and Halina Podbielska
Supporting role of silver doped silica nanoparticles in antibacterial photodynamic action
- 44 Maciej Kozarski, Krystyna Górczyńska, Krzysztof Jakub Pałko and Marek Darowski
A hybrid interface to connect an IABP balloon to a circulatory system hybrid simulator to improve its assistance abilities
- 59 Krzysztof Zieliński, Łukasz Kozarski, Maciej Kozarski and Marek Darowski
Adaptive lung ventilation minimizing the work of breathing
- 18 Marek Gzik, Wojciech Wolański, Bożena Gzik-Zroska, Kamil Joszko, Michał Burkacki and Sławomir Suchoń, *Analysis of various factors impact on safety of armored vehicle crew during an IED explosion*
- 78 Małgorzata Wojtków and Celina Pezowicz
Mechanical investigation of the annulus-endplate anchorage failure
- 81 Piotr Borkowski, Jolanta Zuzda, Robert Łatosiewicz and Katarzyna Stepaniuk
A prophylactic program in degenerative changes in the hip joint - suggested exercise and equipment
- 86 Agata Wijata, Marta Galinska, Bartłomiej Pyciński, Jan Juszczak, Joanna Czajkowska, Dominik Spinczyk and Ewa Piętka, *Computer-aided Detection of 3D Region of Interest for Image-guided Needle Biopsy*
- 113 Krzysztof Psiuk-Maksymowicz, Damian Borys and Marek Kijonka
Construction of brain atlases based on dataset of Polish adults
- 34 Marcin Gadamer and Adrian Horzyk
Biologically Inspired Linguistic Habit Graph Networks Used For Text Correction

Conference closing ceremony

Room, date, time

bldg. B-2 aud. 100, Fri. Sep. 22, 13:30 – 14:00