Interreg Bavorsko – Česko Spolufinancováno Evropskou unií

BRIDGING DISCIPLINES IN STROKE THERAPY

CZECH-BAVARIAN STUDENTS CONFERENCE

19. 6. 2026 / 9:30 – 14:30 / room HJ 300

Faculty of Health Care Studies, University of West Bohemia in Pilsen

The conference is organized as part of the project " Ausbildung eines multidisziplinären tschechisch-bayerischen Teams an Studierenden in der Neurorehabilitation“, BYCZ01-038

Program

9:00 – 9:30 Registration

9:30 – 9:35 Opening of the conference

9:35 – 9:50
Introduction of the project *"Ausbildung eines multidisziplinären tschechisch-bayerischen Teams an Studierenden in der Neurorehabilitation”, BYCZ01-038* for the academic year 2025/2026
Johannis Mertens /OTH Regensburg, Iva Hereitová /FZS ZČU

9:50 – 10:05
Objectification of hip flexion with IMU sensors in a post-stroke patient
Anna Bejvlová, Kamila Handrychová, Patrik Kolařík, Klára Kollárová, Daniel Kreisinger, Adriana Šindelářová, Kateřina Wirthová/FZS ZČU, Amelie Hajek, Christoph Heinick/OTH Regensburg

10:05 – 10:20
The Use of Virtual Reality in the Rehabilitation of Post-Stroke Patients
Nikola Turková, Radka Pěkná, Marie Shánělová, David Ha, Lukáš Koutecký, Barbora Kasíková, Kristýna Bélová/FZS ZČU, Sebastian Lang, Svenja Lausterer, Katharina Liepold/OTH Regensburg

10:20 – 10:35
The guardian dog Max - a story about pain
Svenja Lausterer, Pia Bach, Olivia Meinhart, Paula Nagler, Simona Edel/OTH Regensburg

10:35 – 10:50
Multidisciplinary Rehabilitation Approach to a Patient After Stroke with Right-Sided Hemiparesis Focused on Cognitive–Motor Training
Mariana Dürrová, Veronika Bergerová, Lenka Dolečková, Eva Fikrlová, Anna Vysoká, Tereza Carmine/FZS ZČU, Marc Lindner, Franziska Ludley, Paula Nagler/OTH Regensburg

10:50 – 11:05
Assessment of Motor Control After Stroke: Evaluation Using the STREAM Protocol
Pavel Chejlava, Matyáš Jelínek, Tomáš Nový, Barbora Vybíralová, Metoděj Kos, Magdaléna Plachetková, Veronika Chocová/FZS ZČU, Pia Bach, Charlotte Bienen/OTH Regensburg

11:05 – 11:20
Pain Education: Development and Evaluation of a Supportive Educational Video for Users
Johannes Groß, Sonja Urban, Amelie Hajek, Charlotte Bienen, Nele Singendonk /OTH Regensburg

11:20 – 11:35
Interdisciplinary Post-Stroke Spasticity Rehabilitation: Case Report
Jan Roll, Tadeáš Valenta, Vojtěch Mazanec, Matyáš Němec, Gabriela Mixová, Eliška Fialová/FZS ZČU, Antonia Blank, Rebeca do Vale Placa, Simona Edel/OTH Regensburg

11:35 – 11:50
Comprehensive Multidisciplinary Rehabilitation in Severe Left-Sided Post-Stroke Impairment Focusing on the Maintenance of Physical Fitness
Markéta Salačová, Klára Neblechová, Nguyen Thanh Mai, Beáta Emma Knížková, Eliška Francouzová, Mária Trnovcová, Rozálie Keilová, Rita Firýtová/FZS ZČU, Pia-Marie Pichler, Karolina Ros/OTH Regensburg

11:50 – 12:20
Conference break

12:20 – 12:35
Quantification of Stabilization Demands During Single-Leg Stance in Stroke Patients Using IMU Sensors
Tomáš Štoudek, Matěj Zedník, Jan Bernát, Michal Hanzelín, Matěj Zadák, Vilém Kuba, Radim Ziegler/FZS ZČU, Sara Kroiß, Mara Kuhnhäuser/OTH Regensburg

12:35 – 12:50
New Pathways in Physiotherapeutic Pain Education: Pilot Study on Pain Neuroscience Education at TUM Klinikum – NEW-PT
Antonia Blank, Christoph Heinick, Johanna Sandhäger, Pia-Marie Pichler, Rebecca Bartel, Sara Kroiß /OTH Regensburg

12:50 – 13:05
Dysexecutive Syndrome After Stroke: Executive Function Training and Fall Prevention
Ema Husníková, Anna Hrdličková, Petra Pospíšilová, Adéla Procházková, Valentýna Maršíková, Eliška Semrádová, Kristýna Gimová, Laura Grmanová/FZS ZČU, Marie Gerstl, Johannes Groß/OTH Regensburg

13:05 – 13:20
Case of left-sided spastic hemiparesis after resection of a cerebral cavernoma
Kajetan Kalivoda, Jaroslav Bilyk, Nikola Veselá, Vojtěch Šindelář, Daniel Štauber, Kateřina Brabcová, Erik Mládek/FZS ZČU, Sonja Urban, Alexander von Gryczewski, Magdalena Weichselbaum/OTH Regensburg

13:20 – 13:35
Interference of Dynamic Balance and Cognition in Dual Task Conditions
Magdalena Weichselbaumer, Marie Gerstl, Mara Kuhnhäuser, Sebastian Lang, Franziska Ludley/OTH Regensburg

13:35 – 13:50
Neurorehabilitation in Upper Limb Dysfunction and ADL Impairment
Lucie Benešová, Barbora Prokůpková, Josef Minařík, Matěj Rapp, Viktorie Lofová, Anna Sečkařová, Barbora Němcová/FZS ZČU, Johanna Sandhäger, Rebecca Seeberg/Jetzt Bartel, Nele Singendong/OTH Regensburg

13:50 – 14:05
Pain Knowledge and Beliefs Among Healthcare Professionals
Alexander v. Gryczewski, Marc Lindner, Katharina Liepold, Rebecca do Vale Placa/OTH Regensburg

14:05 – 14:20
Final evaluation of the Czech-Bavarian Student Conference on interdisciplinary approaches in stroke therapy 2025/2026
Iva Hereitová, Tomáš Votík/FZS ZČU, Johannis Mertens/OTH Regensburg