

Thursday, 28th February 2019, evening
 Registration: 17:00–21:00
 FREIHAUS BUILDING, GREEN AREA, 5TH FLOOR

Friday, 1st March 2019, morning

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| 08:00 | Morning registration IN FRONT OF LECTURE HALL 6 | (FREIHAUS BUILDING, 2ND FLOOR, GREEN AREA, FH HS 6) | |
| 08:55 | Opening LECTURE HALL 6, 2ND FLOOR, GREEN AREA | (FH HS 6) | |
| 09:00 | Miroslav Olšák THE STORY OF LOOP CONDITIONS | (FH HS 6 LECTURE HALL 6, 2ND FLOOR, GREEN AREA) | <i>chair:</i> Erhard Aichinger |
| 10:00 | Coffee 5TH FLOOR, GREEN AREA, ROOM DA 05 E10 | | |
| | Lecture hall 6 (FH HS 6), 2nd floor, green <i>chair:</i> Jakub Opršal | DA 07 A05, Zeichensaal 3, 7th floor, green <i>chair:</i> Alfredo Costa | DA 08 B19, 8th floor, green (exit lift diagonally to the right) <i>chair:</i> Thomas Vetterlein |
| 10:40 | Libor Barto A LOOP LEMMA FOR NONIDEMPOTENT CORES | Codruța Chiș ON THE CHROMATIC NUMBER OF THE VAN KAMPEN GRAPH ASSOCIATED WITH A GROUP AND A GENER- ATOR SET | Ivan Chajda RESIDUATED OPERATORS IN COMPLEMENTED POSETS |
| 11:05 | Julius Jonušas A WEAKEST NON-TRIVIAL IDEMPOTENT IDENTITY | Mihai Chiș ON THE CHROMATIC POLYNOMIAL OF THE VAN KAMPEN GRAPH ASSOCIATED TO A FINITE GROUP AND A GENERATOR SET | Jan Kühr DERIVATIONS ON POCRIMS AND PMV-ALGEBRAS |
| 11:30 | Pierre Gillibert PSEUDO-LOOP CONDITIONS | Samir Zahirović A STUDY OF ENHANCED POWER GRAPHS OF FINITE GROUPS | Dana Šalounová A LATTICE-THEORETICAL APPROACH TO EXTEN- SIONS OF FILTERS IN ALGEBRAS OF CERTAIN FUZZY LOGICS |
| 11:55 | Alexander Wires HIGHER DIMENSIONAL RECTANGULATION | Victor Bovdi GROUP ALGEBRAS WHOSE GROUPS OF NORMALIZED UNITS HAVE EXPONENT 4 | Joanna Kaleta EQUIVALENCE OF FINITE EFFECT ALGEBRAS AND x -SETS |
| 12:20 | Alexandr Kazda THE INTERPRETABILITY LATTICE OF CLONOIDS IS DISTRIBUTIVE | No talk | Jan Paseka INJECTIVITY IN ORDERED SEMICATEGORIES |
| 12:40 | Lunch 95 MINUTES | | |

Friday, 1st March 2019, afternoon

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| | Lecture hall 3 (FH HS 3), 2nd floor, YELLOW | DA 07 A05, Zeichensaal 3, 7th floor, green | DA 08 B19, 8th floor, green (exit lift diagonally to the right) |
| 14:15 | <i>chair:</i> Dragan Mašulović Éva Jungabel ON SOME HOMOMORPHISM-HOMOGENEOUS POINT-LINE GEOMETRIES | <i>chair:</i> Péter Pál Pálfy Reinhard Pöschel GRAPH QUASIVARIETIES | <i>chair:</i> Ivan Chajda Henri Mühle THE CORE-LABEL ORDER OF A CONGRUENCE-UNIFORM LATTICE |
| 14:40 | Bojana Pantić ON HOMOMORPHISM-HOMOGENEOUS AND POLY-MORPHISM-HOMOGENEOUS METRIC SPACES | Erkkö Lehtonen ASSOCIATIVE SPECTRA OF GRAPH ALGEBRAS | Helmut Länger LATTICES OF SUBSPACES OF VECTOR SPACES |
| 15:05 | Mike Behrisch ON A CHARACTERIZATION OF AUTOMATIC HOMEOMORPHICITY | Hassan Cheriha DESCARTES' RULE OF SIGNS, ROLLE'S THEOREM AND SEQUENCES OF ADMISSIBLE PAIRS | Claudia Mureşan VARIETIES OF PBZ*-LATTICES |
| 15:30 | Nebojša Mudrinski THE RAMSEY PROPERTY AND FINITE DISTRIBUTIVE LATTICES | Tamás Waldhauser CATEGORICAL EQUIVALENCE OF FINITE RINGS | Paolo Aglianò THREE (OR FOUR?) PROPERTIES OF DIVISIBLE RESIDUATED SEMILATTICES |
| 15:55 | Csaba Szabó TEST-ENHANCED LEARNING IN STUDYING UNIVERSITY ALGEBRA | Bruno Teheux ORDER-THEORETIC PROPERTIES OF PROFINITE COMPLETIONS OF MEDIAN ALGEBRAS | Miroslav Korbelář DIVISIBLE FACTORS OF COMMUTATIVE SEMIRINGS |
| 16:15 | Coffee 5TH FLOOR, GREEN AREA, ROOM DA 05 E10 | | |
| 17:00 | Dragan Mašulović STRUCTURAL RAMSEY THEORY: FROM THE POINT OF VIEW OF CATEGORY THEORY | (FH HS 6 LECTURE HALL 6, 2ND FLOOR, GREEN AREA) | <i>chair:</i> Friedrich Martin Schneider |
| 18:00 | End of Friday's scientific programme | | |
| 19:00 | Conference dinner UNIVERSITÄTSBRÄUHAUS | ALSER STRASSE 4/HOF 1, 1090 WIEN | HTTP://WWW.UNIBRAU.AT |

Saturday, 2nd March 2019, morning

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| 09:00 | Marcin Kozik A CONTRIBUTION OF CSP TO UNIVERSAL ALGEBRA | (FH HS 6 LECTURE HALL 6, 2ND FLOOR, GREEN AREA) | <i>chair:</i> Erkkö Lehtonen |
| 10:00 | Coffee 5TH FLOOR, GREEN AREA, ROOM DA 05 E10 | | |
| | Lecture hall 6 (FH HS 6), 2nd floor, green <i>chair:</i> Libor Barto | DA 07 A05, Zeichensaal 3, 7th floor, green <i>chair:</i> Csaba Szabó | DA 08 B19, 8th floor, green (exit lift diagonally to the right) <i>chair:</i> Stefan Schmidt |
| 10:40 | Jakub Opršal SOME VERY WEAK HEIGHT 1 IDENTITIES | Anatolii Zhuchok ON FREE RECTANGULAR DOPPELSEMIGROUPS | Thomas Vetterlein QUOTIENTS IN PROJECTIVE GEOMETRY |
| 11:05 | Manuel Bodirsky NO WEAKEST HEIGHT 1 STRONG MAITSEV CONDITION | Boris Vernikov CANCELLEABLE ELEMENTS OF VARIETAL LATTICES | Delaney Aydel CLASSIFYING ACTIONS OF $T_n \otimes T_n$ ON PATH ALGEBRAS OF QUIVERS |
| 11:30 | Antoine Mottet TOPOLOGY IS RELEVANT (IN THE DICHOTOMY CONJECTURE FOR INFINITE-DOMAIN CONSTRAINT SATISFACTION PROBLEMS) | Dmitry Skokov ON MODULAR ELEMENTS OF THE LATTICE OF SEMI-GROUP VARIETIES | Pasha Zusmanovich HOM-LIE STRUCTURES |
| 11:55 | Albert Vucaj TWO-ELEMENT STRUCTURES MODULO PP-CONSTRUCTIBILITY | Ganna Kudryavtseva F -INVERSE MONOIDS IN ENRICHED SIGNATURE | Delbrin Ahmed GEOMETRIC CONSTRUCTIBILITY OF POLYGONS LYING ON A CIRCULAR ARC |
| 12:20 | Florian Starke SMOOTH DIGRAPHS MODULO PP-CONSTRUCTIBILITY | Balázs Kaprinai LAZY GROUPOIDS | |
| 12:40 | Lunch 95 MINUTES | | |

Saturday, 2nd March 2019, afternoon

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| | Lecture hall 6 (FH HS 6), 2nd floor, green | DA 07 A05, Zeichensaal 3, 7th floor, green | DA 08 B19, 8th floor, green (exit lift diagonally to the right) |
| 14:15 | <i>chair:</i> Manuel Bodirsky Simon Knäuer CONSTRAINT SATISFACTION OVER THE RANDOM TOURNAMENT | <i>chair:</i> Reinhard Pöschel Péter P. Pálffy SOME SELF-COMMUTING OPERATIONS | <i>chair:</i> Günter Pilz Sebastian Kreinecker THE LATTICE OF INTEGER POLYNOMIAL NEARRINGS |
| 14:40 | Tom Quinn-Gregson CSPs OF HOMOGENEOUS ω -CATEGORICAL ALGEBRAS | Endre Tóth SOLUTION SETS OF SYSTEMS OF EQUATIONS OVER FINITE ALGEBRAS | Aishwarya Shivananda ON (σ, τ) -DERIVATIONS IN NEARRINGS |
| 15:05 | Jakub Rydval TEMPORAL CONSTRAINT SATISFACTION PROBLEMS IN FIXED POINT LOGIC | Edith Vargas-García THE NUMBER OF CLONES DETERMINED BY DISJUNCTIONS OF UNARY RELATIONS | Kavitha Koppula ON PRIME STRONG IDEALS OF SEMINEARRINGS |
| 15:30 | Johannes Greiner NEW TRACTABILITY RESULTS FOR COMBINATIONS OF QUALITATIVE CSPs | Hajime Machida MINIMAL STUDY OF MINIMAL CLONES GENERATED BY BINARY FUNCTIONS | Přemysl Jedlička YANG-BAXTER EQUATION AND A CONGRUENCE OF BIRACKS |
| 15:55 | Bertalan Bodor CSP DICHOTOMY FOR FINITE COVERINGS OF UNARY STRUCTURES | Stefano Fioravanti CLOSED SET OF FINITARY FUNCTIONS FROM \mathbb{Z}_q TO \mathbb{Z}_p | Marco Bonatto MAITSEV CLASSES OF LEFT QUASIGROUPS |
| 16:15 | Coffee 5TH FLOOR, GREEN AREA, ROOM DA 05 E10 | | |
| 17:00 | Matt Valeriote FINITE ALGEBRAS AND TREE LANGUAGES | (FH HS 6 LECTURE HALL 6, 2ND FLOOR, GREEN AREA) | <i>chair:</i> Hajime Machida |
| 18:00 | Small break, coffee leftovers 30 MINUTES | | |
| 18:30 | <i>chair:</i> Přemysl Jedlička Teerapong Suksumran LEFT REGULAR REPRESENTATION OF GYROGROUPS | <i>chair:</i> Dana Šalounová Stefan Schmidt ON DIRECTED DISTANCE, PROXIMITY, AND FUZZY ORDER | <i>chair:</i> Claudia Mureşan Mehsin Jabel Atteya COMMUTATIVITY WITH PERMUTING n -DERIVATIONS OF SEMIPRIME RINGS |
| 18:55 | Kritsada Sangkhanan GREEN'S RELATIONS AND REGULARITY FOR SEMIGROUPS OF TRANSFORMATIONS WITH RESTRICTED RANGE THAT PRESERVE DOUBLE DIRECTION EQUIVALENCE RELATIONS | | |

Sunday, 3rd March 2019, morning

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| 8:50 | Mikhail Volkov IDENTITIES OF KAUFFMAN MONOIDS: FINITE AXIOMATIZATION AND ALGORITHMS | (FH HS 6 LECTURE HALL 6, 2ND FLOOR, GREEN AREA) | <i>chair:</i> Peter Mayr |
| 9:50 | Coffee 5TH FLOOR, GREEN AREA, ROOM DA 05 E10 | | |
| | Lecture hall 6 (FH HS 6), 2nd floor, green <i>chair:</i> Alexander Wires | DA 07 A05, Zeichensaal 3, 7th floor, green <i>chair:</i> Bruno Teheux | DA 08 B19, 8th floor, green (exit lift diagonally to the right) <i>chair:</i> Pasha Zusmanovich |
| 10:30 | Dmitriy Zhuk AN EXPONENTIAL LOWER BOUND ON THE SIZE OF PRIMITIVE POSITIVE DEFINITION | Alfredo Costa FREE PROFINITE SEMIGROUPS, SYMBOLIC DYNAM- ICS, AND CODES | Pavol Zlatoš THE BOHR COMPACTIFICATION OF AN ABELIAN GROUP AS A QUOTIENT OF ITS STONE-ČECH COM- PACTIFICATION |
| 10:55 | Michael Kompatscher SOLVING EQUATIONS IN FINITE GROUPS EXTENDED BY THEIR COMMUTATOR | Gonçalo Pinto POINTED PRINCIPALLY ORDERED REGULAR SEMI- GROUPS | Friedrich Martin Schneider RANDOM WALKS ON AUTOMORPHISM GROUPS |
| 11:20 | Erhard Aichinger POLYNOMIAL MAPS ON SUPERNILPOTENT ALGEB- RAS | Jimmy Devillet CHARACTERIZATIONS AND CLASSIFICATIONS OF QUASITRIVIAL SEMIGROUPS | Oľga Sipachëva INDEPENDENT AND LARGE SETS IN BOOLEAN GROUPS, ULTRAFILTERS, AND TOPOLOGY |
| 11:45 | Florian Aichinger NEW PROOFS FOR THE ABSENCE OF ANTICHAINS IN CERTAIN PARTIALLY ORDERED SETS | Heghine Ghumashyan ON WEAKLY HYPERASSOCIATIVE SEMIGROUPS | Denis I. Saveliev IDEMPOTENT ULTRAFILTERS ARE NOT WEAKLY SE- LECTIVE |
| 12:10 | Peter Mayr COMMUTATORS OF SUBDIRECT PRODUCTS | Marlen Yolchyan ON IDEMPOTENT AND HYPERASSOCIATIVE ALGEB- RAS | Nikolay L. Polyakov ON A VARIANT OF THE RUDIN–KEISLER PREORDER DEFINED VIA FINITARY MAPS |
| 12:35 | Closing FH HS 6, 2ND FLOOR, GREEN AREA | | |