Diversity in Finite Fields and Coding Theory
IMPA, Rio de Janeiro, Julho 8 – 12

Hour	Monday, 08	Tuesday, 09	Wednesday, 10	Thursday, 11	Friday, 12
09:00 - 09:30	OPENING				
09:30 - 10:15 10:15 - 10:30 Coffee Break 10:30 - 12:30	Project 2 - Maximal curves in cryptography• Sarah - Room 224	Project 2 - Maximal curves in cryptography• Sarah - Room 224	Project 2 - Maximal curves in cryptography• Sarah - Room 224	Project 2 - Maximal curves in cryptography• Sarah - Room 224	Project 2 - Maximal curves in cryptography• Sarah - Room 224
09:30 - 10:15 10:15 - 10:30 Coffee Break 10:30 - 12:30	Project 3 - Lattices and their Applications in Communications Room 228	Project 3 - Lattices and their Applications in Communications Room 228	Project 3 - Lattices and their Applications in Communications Room 228	Project 3 - Lattices and their Applications in Communications Room 228	Project 3 - Lattices and their Applications in Communications Room 228
09:30 - 10:15 10:15 - 10:30 Coffee Break 10:30 - 12:30	Project 4 - Locally recoverable codes on higher dimensional varieties - Room 232	Project 4 - Locally recoverable codes on higher dimensional varieties - Room 232	Project 4 - Locally recoverable codes on higher dimensional varieties - Room 232	Project 4 - Locally recoverable codes on higher dimensional varieties - Room 232	Project 4 - Locally recoverable codes on higher dimensional varieties - Room 232
09:30 - 10:15 10:15 - 10:30 Coffee Break 10:30 - 12:30	Project 5 - Estimates on the number of rational solutions of Markoff-Hurwitz equations over finite fields - Room 236	Project 5 - Estimates on the number of rational solutions of Markoff-Hurwitz equations over finite fields - Room 236	Project 5 - Estimates on the number of rational solutions of Markoff-Hurwitz equations over finite fields - Room 236	Project 5 - Estimates on the number of rational solutions of Markoff-Hurwitz equations over finite fields - Room 236	Project 5 - Estimates on the number of rational solutions of Markoff-Hurwitz equations over finite fields - Room 236
09:30 - 10:15 10:15 - 10:30 Coffee Break 10:30 - 12:30	Project 6 - Linear Complementary dual codes - Room 333	Project 6 - Linear Complementary dual codes - Room 333	Project 6 - Linear Complementary dual codes - Room 333	Project 6 - Linear Complementary dual codes - Room 333	Project 6 - Linear Complementary dual codes - Room 333
09:30 - 10:15 10:15 - 10:30 Coffee Break 10:30 - 12:30	Project 7 - Quantum error-correcting codes from algebraic geometry Room 345	Project 7 - Quantum error-correcting codes from algebraic geometry Room 345	Project 7 - Quantum error-correcting codes from algebraic geometry Room 345	Project 7 - Quantum error-correcting codes from algebraic geometry Room 345	Project 7 - Quantum error-correcting codes from algebraic geometry Room 345
12:00 - 12:30			POSTER SESSION		
12:30 - 14:00	LUNCH				
14:00 - 16:00 16:00 - 16:15 Coffee Break 16:15 - 17:00	Project 2 - Maximal curves in cryptography• Sarah - Room 224	Project 2 - Maximal curves in cryptography• Sarah - Room 224	FREE AFTERNOON	Project 2 - Maximal curves in cryptography• Sarah - Room 224	Short talks about the research done during the week
14:00 - 16:00 16:00 - 16:15 Coffee Break 16:15 - 17:00	Project 3 - Lattices and their Applications in Communications Room 228	Project 3 - Lattices and their Applications in Communications Room 228		Project 3 - Lattices and their Applications in Communications Room 228	
14:00 - 16:00 16:00 - 16:15 Coffee Break 16:15 - 17:00	Project 4 - Locally recoverable codes on higher dimensional varieties - Room 232	Project 4 - Locally recoverable codes on higher dimensional varieties - Room 232		Project 4 - Locally recoverable codes on higher dimensional varieties - Room 232	
14:00 - 16:00 16:00 - 16:15 Coffee Break 16:15 - 17:00	Project 5 - Estimates on the number of rational solutions of Markoff-Hurwitz equations over finite fields - Room 236	Project 5 - Estimates on the number of rational solutions of Markoff-Hurwitz equations over finite fields - Room 236		Project 5 - Estimates on the number of rational solutions of Markoff-Hurwitz equations over finite fields - Room 236	
14:00 - 16:00 16:00 - 16:15 Coffee Break 16:15 - 17:00	Project 6 - Linear Complementary dual codes - Room 333	Project 6 - Linear Complementary dual codes - Room 333		Project 6 - Linear Complementary dual codes - Room 333	
14:00 - 16:00 16:00 - 16:15 Coffee Break 16:15 - 17:00	Project 7 - Quantum error-correcting codes from algebraic geometry Room 345	Project 7 - Quantum error-correcting codes from algebraic geometry Room 345		Project 7 - Quantum error-correcting codes from algebraic geometry Room 345	