CIMPA Research school Haiti 2019

"Cryptography, theoretical and computational aspects of algebraic number theory and algebra"

Last update: Feb. 11, 2019

First week

	Monday March 11	Tuesday March 12	Wednesday March 13	Thursday March 14	Friday March 15	Saturday March 16	Sunday March 17
9:00-9:50	A. Togbe & J.-M. Vilaire **Elementary number theory and cryptography**	G. Moreira **On prime numbers and primality tests**	A. Togbe & J.-M. Vilaire **Elementary number theory and cryptography**	F. Pappalardi **Elementary Approach to Elliptic Curves**	A. Togbe & J.-M. Vilaire **Elementary number theory and cryptography**	*Free*	*Free*
10:00-10:50	G. Moreira **On prime numbers and primality tests**	A. Togbe & J.-M. Vilaire **Elementary number theory and cryptography**	G. Moreira **On prime numbers and primality tests**	A. Togbe & J.-M. Vilaire **Elementary number theory and cryptography**	F. Pappalardi **Elementary Approach to Elliptic Curves**		
11:10-12:00	A. Togbe & J.-M. Vilaire **Elementary number theory and cryptography**	G. Moreira **On prime numbers and primality tests**	F. Pappalardi **Elementary Approach to Elliptic Curves**	G. Moreira **On prime numbers and primality tests**	G. Moreira **On prime numbers and primality tests**		
12:00-14:00	*Lunch break*	*Lunch break*	*Lunch break*	*Lunch break*	*Lunch break*		
14:00-14:50	*Opening ceremony*	F. Pappalardi **Elementary Approach to Elliptic Curves**	**Research presentation**	F. Pappalardi **Elementary Approach to Elliptic Curves**	F. Pappalardi **Elementary Approach to Elliptic Curves**		
15:10-16:00	A. Noel (video) **Representations of the Symmetric Group and Applications**	A. Noel (video) **Representations of the Symmetric Group and Applications**	**Introduction to computations**	A. Noel (video) **Representations of the Symmetric Group and Applications**	A. Noel (video) **Representations of the Symmetric Group and Applications**		
16:10-17:00	A. Noel (video) **Representations of the Symmetric Group and Applications**	**Problem solving session**	**Introduction to computations**	A. Noel (video) **Representations of the Symmetric Group and Applications**	**Problem solving session**		

Second week

	Monday March 18	Tuesday March 19	Wednesday March 20	Thursday March 21	Friday March 22	Saturday March 23
9:00-9:50	M. Waldschmidt **Some aspects of algebraic number theory related with cryptography**	C. Armana **Introduction to Algorithmic Number Theory**	A. Salerno **Lattices and Cryptography**	M. Waldschmidt **Some aspects of algebraic number theory related with cryptography**	C. Armana **Introduction to Algorithmic Number Theory**	*Travel day*
10:00-10:50	A. Salerno **Lattices and Cryptography**	A. Salerno **Lattices and Cryptography**	M. Waldschmidt **Some aspects of algebraic number theory related with cryptography**	A. Salerno **Lattices and Cryptography**	A. Salerno **Lattices and Cryptography**	
11:10-12:00	C. Armana **Introduction to Algorithmic Number Theory**	M. Waldschmidt **Some aspects of algebraic number theory related with cryptography**	C. Armana **Introduction to Algorithmic Number Theory**	C. Armana **Introduction to Algorithmic Number Theory**	M. Waldschmidt **Some aspects of algebraic number theory related with cryptography**	
12:00-14:00	*Lunch break*	*Lunch break*	*Lunch break*	*Lunch break*	*Lunch break*	
14:00-14:50	M. Waldschmidt **Some aspects of algebraic number theory related with cryptography**	A. Togbe & J.-M. Vilaire **Elementary number theory and cryptography**	**Research presentation**	A. Salerno **Lattices and Cryptography**	**Introduction to computations**	
15:10-16:00	A. Togbe & J.-M. Vilaire **Elementary number theory and cryptography**	C. Armana **Introduction to Algorithmic Number Theory**	**Introduction to computations**	**Problem solving session**	**Introduction to computations**	
16:10-17:00	**Problem solving session**	**Problem solving session**	**Introduction to computations**	**Problem solving session**	**Introduction to computations**	