

**The 27th National School on Algebra  
La 27-ième Ecole Nationale d'Algèbre**

**Graded modules over polynomial rings with applications to free  
divisors  
Modules gradués sur anneaux de polynômes avec applications aux  
diviseurs libres**

**Bucharest, May 20-24, 2019**

**Scientific Program / Programme Scientifique**

<b>Monday, May 20</b>		
9:30-10:00	Registration	
10:00-11:00	Marius Vlădoiu	Minimal graded free resolutions I
11:00-11:30	Coffee break	
11:30-12:30	Alexandru Dimca	Plane curves and Jacobian syzygies I
12:30-15:00	Lunch	
15:00-16:00	Mihai Fulger	Local and global methods in the study of Hilbert functions
16:00-16:30	Coffee break	
16:30-17:00	Filip Chindea	Stability conditions on K3 surfaces

<b>Tuesday, May 21</b>		
10:00-11:00	Marius Vlădoiu	Minimal graded free resolutions II
11:00-11:30	Coffee break	
11:30-12:30	Laurent Busé	Courbes rationnelles
12:30-15:00	Lunch	
15:00-15:30	Rodica Dinu	Gorenstein t-spread Veronese algebras
15:30-16:00	Coffee break	
16:00-16:30	Claudia Andrei-Ciobanu	Powers of t-spread principal Borel ideals

<b>Wednesday, May 22</b>		
10:00-11:00	Laurent Busé	Courbes rationnelles libres
11:00-11:30	Coffee break	
11:30-12:30	Alexandru Dimca	Plane curves and Jacobian syzygies II
12:45-13:30	Anca Măcinic	Freeness and variations
13:30-16:00	Lunch	
16:00	The Romanian writer and mathematician Bogdan Suceavă presents his recent novel <b>Avalon</b> . The event is organized in cooperation with Polirom Publishing House.	

<b>Thursday, May 23</b>		
10:00-11:00	Jean Vallès	Triangular arrangements I
11:00-11:30	Coffee break	
11:30-12:30	Michel Granger	Diviseurs libres
12:30-15:00	Lunch	
15:00-15:30	Irina Ilioaea	On the Frobenius complexity sequence of Stanley-Reisner rings
15:30-16:00	Coffee break	
16:00-16:30	Mircea Cimpoeaş	Polarization and spreading of monomial ideals

<b>Friday, May 24</b>		
10:00-11:00	Michel Granger	Diviseurs linéairement libres.
11:00-11:30	Coffee break	
11:30-12:30	Jean Vallès	Triangular arrangements II
12:30-15:30	Lunch	