

ACTIVITY REPORT

2015

The present Board of Directors of the SNS Foundation has been elected by the Founders Assembly by electronic vote, on February 2015. Here is the report concerning our activity in 2015, in cooperation with our Executive Director Ms. Claudia Dan.

1. Funds raising activity.

In 2015, besides the main financial support coming from our strategic partners: Axxess Capital Group and SOFTWIN Group, we have also used the following procedures:

1. the facility offered by the Romanian taxation system through the 2% amount that can be oriented directly to a chosen target; amount obtained until now: 8548.33 lei.
2. a fund raising campaign addressed mainly towards some of our colleagues from abroad; amount obtained until now: 1700 USD
 - Ioana & Florin Boca: 700 USD
 - Sergiu Moroianu 2200 lei
 - Mihnea Popa & Laura DeMarco: 500 USD
3. support for the 2-nd edition of the French-Romanian Summer School in Applied Mathematics, Sinaia, 1-9 July 2015:
 - University of Bucharest: 22680 lei
 - J. Hadamard Foundation: 19095 lei
 - Agence Univ. Francophonie: 2620 lei
 - LEA Math-Mode: 2620 lei

2. Monitoring the scientific life of the Upper Normal School from Bucharest.

The Department of Mathematics

1. *The final situation of the academic year 2014-2015*

List of courses:

1. Representation theory of finite groups – Sebastian Burciu
2. The Selberg trace formula – Sergiu Moroianu
3. Selected topics in statistical mechanics of classical particle systems in continuum – Diana Putan
4. Introduction to differential topology - Dorin Cheptea
5. Nonlinear Evolution Equations - Liviu I. Ignat, Cristian Cazacu
6. Algebraic number theory - Vicentiu Pasol, Alex Popa

Students:

- **Preparatory Cycle:**
 1. Mădălina Bolboceanu – graduated the CP
 2. Emilian Paraicu – continues this year
 3. Cătălin Vrabie – graduated the CP
- **M1:** Filip Chindea – graduated the M1
- **M2:** Miron Stanciu – continues this year

Results:

Student / Course		1	2	3	4	5	6
Madalina Bolboceanu	CP	20					20
Emilian Paraicu	CP	12					
Cătălin Vrabie	CP	20			20		
Filip Chindea	M1	20	20			20	20
Miron Stanciu	M2		20	20	20		

2. The admission examination 2015

The admission examination has been organized on May 12, 2015 and a fall session has been organized on September 30, 2015. The following new students have been accepted (all of them are in the 3-rd year of licence at the Faculty of Mathematics and Informatics of the Bucharest University):

Preparatory cycle:

- BĂLTĂRIGĂ Alexandru
- BĂLTĂRIGĂ Anca
- PASCA Vlad-Paul

3. The situation of the academic year 2015-2016**List of courses:***Fall Semester:*

1. Eugen Mihăilescu: Invariant probabilities and applications
2. Sergiu Moroianu: Differential forms and algebraic topology
3. Traian Pîrvu: Stochastic Calculus for Finance

Spring Semester:

4. Cristian Anghel: Topology of algebraic varieties
5. Crsitian Cazacu: Selected topics in Partial Differential Equations
6. Alexandru Gica: Analytic Number Theory
7. Șerban Strătilă: Compact Operators, Unbounded Operators and Integral and Differential Equations

Students:

- **Preparatory Cycle:**
 1. Alexandru Băltărigă
 2. Anca Băltărigă
 3. Vlad-Paul Pașca
- **M1:**
 1. Mădălina Bolboceanu
 2. Cătălin Vrabie
- **M2:** Filip Chindea
- **Students whom applied to finish their scholar situation for 2014-2015**
 1. Emilian Paraicu – Preparatory cycle
 2. Miron Stanciu - Master II

Situation:

Student / Course		1	2	3	4	5	6	7
Alexandru Băltărigă	CP		X				X	
Anca Băltărigă	CP		X				X	
Vlad-Paul Pașca	CP		X			X		
Mădălina Bolboceanu	M1	X		X			X	X
Cătălin Vrabie	M1	X		X		X		X
Filip Chindea	M2		X		X		X	X
Emilian Paraicu	CP+					X		
Miron Stanciu	M2+		X					

The Department of Biochemistry

1. The final situation of the academic year 2014-2015

List of courses:

- 1. Molecular modeling and simulation in biochemistry – Andrei Petrescu*
- 2. Recombinant DNA Technology – Stefan Szedlacsek*
- 3. Cell Biology and mechanisms of signal transduction – Ioan Ovidiu Sirbu*
- 4. Protein-nucleic acid interactions and their role in directing cellular processes - Mihai Ciubotaru*
- 5. Chemical Biology - Florin Dan Irimie*
- 6. Biological Mass Spectrometry: Principles and Applications in Post-Genomic Era - Cosmin Saveanu*
- 7. Cheminformatica/Proiectarea medicamentelor - Dragos Horvath*
- 8. Structural biology and macromolecular crystallography - Alexandra Deaconescu*
- 9. Biostatistics - Mihaela Paun*
- 10. Protein Chemistry, Folding and Misfolding - Adrian C. Apetri*

Students:

M1:

- 1. Matei Ana*
- 2. Martin Eliza-Cristina*
- 3. Patriche David*
- 4. Polipciuc Wanda-Monica*
- 5. Stănescu Lucian-Mihai*

M2:

1. Căldăraru Octav
2. Draga Coleta Sorin-Valeriu
3. Mușat Mihaela-Georgiana

Results:

Student / Course		1	2	3	4	5	6	7	8	9	10
Matei Ana	M1	16	6			10	10		18		
Martin Eliza-Cristina	M1	16	12				17		18	15	
Patriche David	M1		12			14	10				
Polipciuc Wanda-Monica	M1	10	15			17	14		20		
Stănescu Lucian-Mihai	M1	10	13			16	13	14	20		14
Căldăraru Octav	M2									18	
Draga Coleta Sorin-Valeriu	M2			16							
Mușat Mihaela-Georgiana	M2			15					20	16	

2. The admission examination 2015

The admission examination has been organized on October 15, 2015. There were two students attending, but no one has been accepted:

3. The situation of the academic year 2015-2016**List of courses:**

The last course for the academic year 2014-2015 was held in October 2015 and we don't have yet the results for the participating students. As, in this academic year, the students from the second year of the master have already followed last year some of the courses meant to be for this year, the management of the biochemistry department will evaluate the students results and will determine which courses are still needed to be held during this academic year.

Students:**M2:**

1. Matei Ana
2. Martin Eliza-Cristina
3. Patriche David
4. Polipciuc Wanda-Monica
5. Stănescu Lucian-Mihai