

13th Greta Pifat Mrzljak

International School of Biophysics

01-10/09 2016



13th International School of Biophysics

Croatia, September 01-10, 2016.



Adriatic island hopping: from Uni Split to Uni Zadar

Organized by:



Co-organized by:



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Povijest: Prof. Greta Pifat Mrzljak



1981-1989



1993-2009

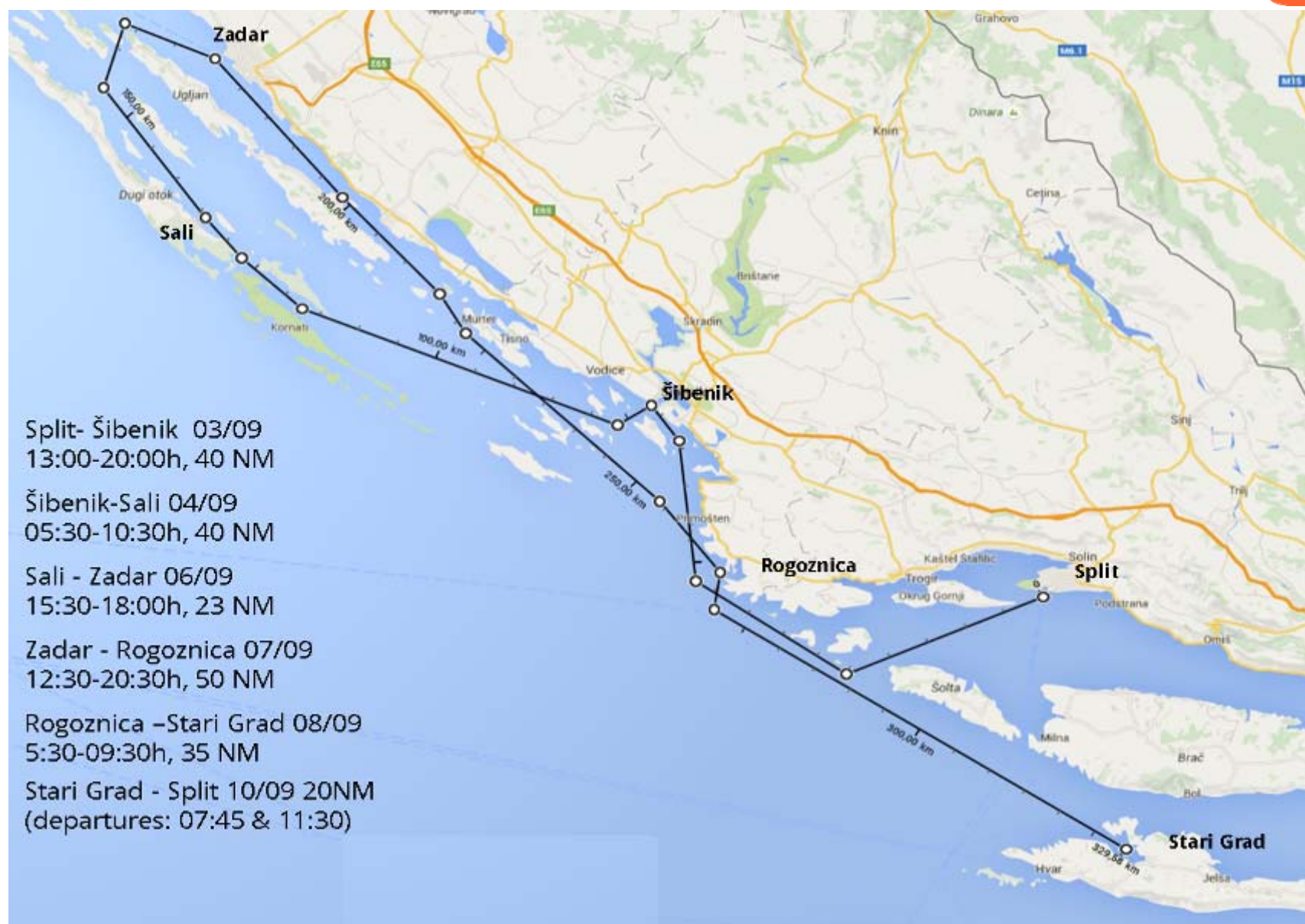


2012-2014

Škola 2016: krstarenje Jadranom



Škola 2016: itinerer



Škola sa Predsjednicom RH



Tematika - ABC of physics of life



Problem oriented

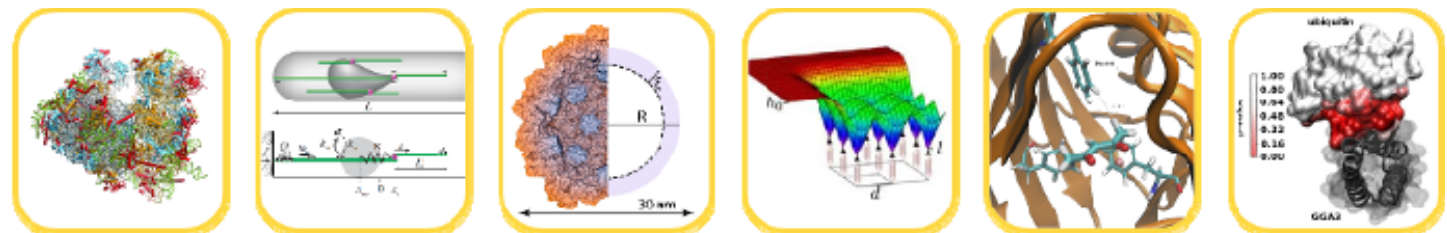
A - ASSEMBLING MOLECULAR MACHINES (viruses, ribosomes and other protein-RNA/DNA complexes, quaternary protein structures, DNA, proteins/ligands, polyelectrolytes)

B - Interactions at BIOLOGICAL & BIOCOMPATIBLE interfaces (membranes, adhesion, extracellular matrix, protein-lipid/membrane interactions, biomimetic/hybrid surfaces)

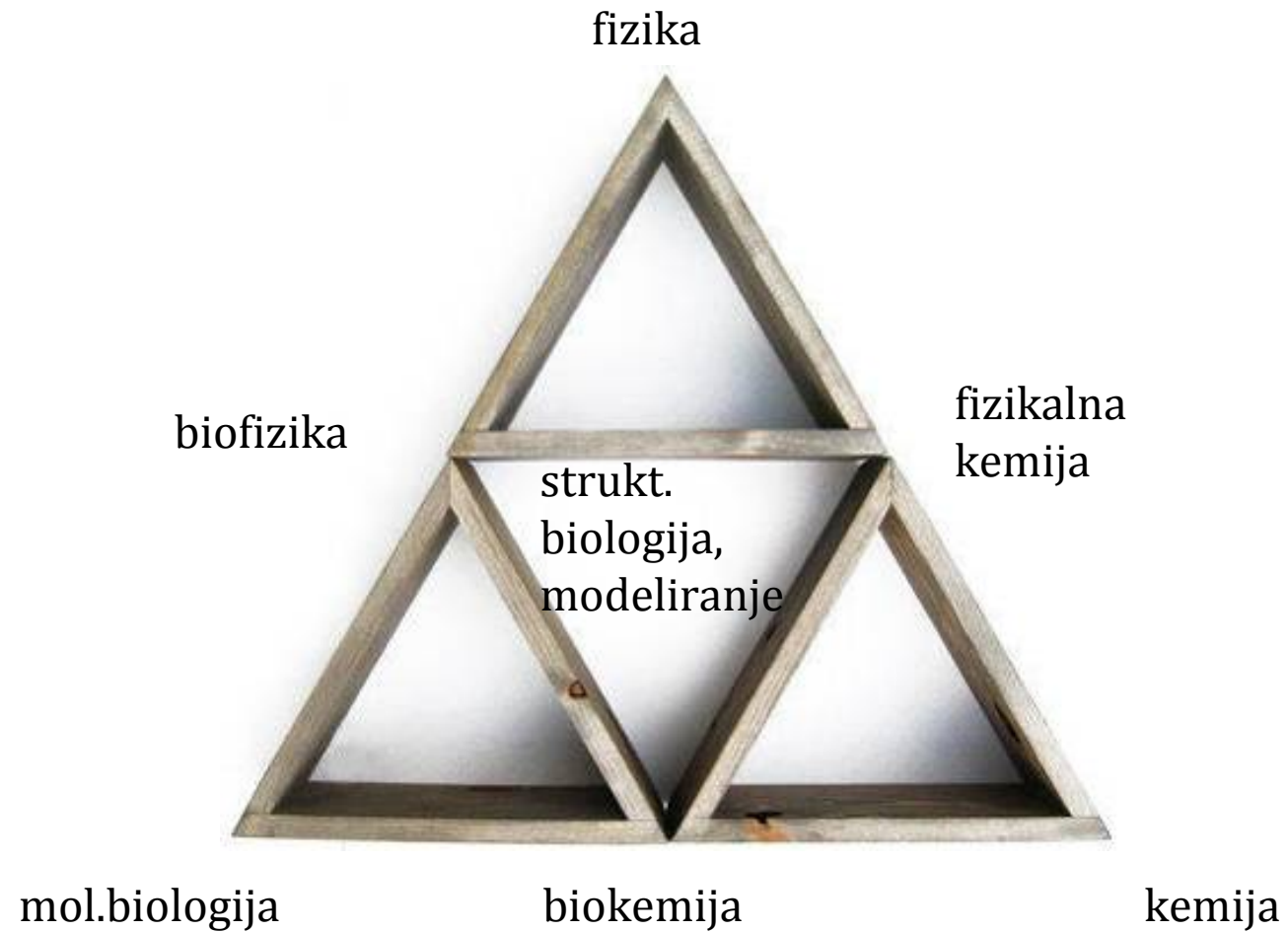
C - CELLS (physical properties of biological and bio-inspired systems)

Method oriented

- spectroscopies in biophysics (NMR, EPR, FTIR, Raman, MS...)
- microscopies in biophysics (AFM/SPM, fluorescence techniques, tweezers...)
- diffraction, scattering methods
- computational biophysics, modelling and simulations



Studenti: 87



Predavači: 23



Name	Affiliation
Nenad Ban	ETH, Zürich, Switzerland
Eurico Cabrita	Universidade Nova de Lisboa, Portugal
Mario Cindrić	Ruđer Bošković Institute, Zagreb, Croatia
Edwin De Pauw	Université de Liège, Belgium
Zvonimir Dogić	Brandeis University, USA
Marija Drndić	University of Pennsylvania, USA
Helena Danielson	Beactica AB, Uppsala, Sweden
Peter Kolb	Philipps-Universität Marburg, Germany
Sabrina Leslie	McGill University, Montreal, Canada
Fraser MacMillan	University of East Anglia, UK
Chris Oostenbrink	UNRLF, Vienna, Austria
Arwen Pearson	Universität Hamburg, Germany
Ana-Sunčana Smith	Ruđer Bošković Institute, Zagreb, Croatia
Frank Sobott	Universiteit Antwerpen, Belgium
Holger Stark	Universität Göttingen, Germany
Antonio Šiber	Institute of physics, Zagreb, Croatia
Iva Tolić	Ruđer Bošković Institute, Zagreb, Croatia
Nuška Tschammer	Nanotemper GmbH, München, Germany
Dmitry Veprintsev	PSI, Villigen, Switzerland
Meni Wanunu	Northeastern University, Boston, USA
Anthony Watts	University of Oxford, UK
Bojan Žagrović	MFPL, Vienna, Austria
Marek Zurawski	Nanotemper GmbH, München, Germany

Raznovrsnost

29 zemalja

M:F 37:50

	Students	Lecturers		Total
Armenia	1		Croatia	17
Austria	4	2	Germany	13
Belarus	1		Switzerland	13
Belgium	4	2	UK	11
Canada		1	Austria	6
Croatia	13	4	Belgium	6
Czech Republic	2		USA	5
Denmark	1		Poland	4
Estonia	1		Slovenia	4
Germany	9	4	Sweden	4
Hungary	3		Hungary	3
Iran	1		Czech Republic	2
Israel	1		Italy	2
Italy	2		Netherlands	2
Lithuania	1		Romania	2
Netherlands	2		Serbia	2
Norway	1		Armenia	1
Poland	3	1	Belarus	1
Portugal		1	Canada	1
Romania	2		Denmark	1
Serbia	2		Estonia	1
Slovakia	1		Iran	1
Slovenia	4		Israel	1
Sweden	3	1	Lithuania	1
Switzerland	11	2	Norway	1
Turkey	1		Portugal	1
UK	9	2	Slovakia	1
Ukraine	1		Turkey	1
USA	2	3	Ukraine	1

predavanja, radionice, posteri, studentske prezentacije

	Sept. 1 Thursday Split	Sept. 2 Friday Split	Sept. 3 Saturday Split/Šibenik	Sept. 4 Sunday Šibenik/Dugi Otok	Sept. 5 Tuesday Dugi Otok	Sept. 6 Monday Dugi Otok/Zadar	Sept. 7 Wednesday Zadar/ Rogoznica	Sept. 8 Thursday Stari Grad, Hvar	Sept. 9 Friday Stari Grad, Hvar	Sept. 10 Saturday Stari Grad, Hvar & Split
6:00										
7:00										
8:00	BREAK FAST			SAILING Šibenik-Sali 40 NM, 5 h				SAILING Rogoznica-Stari Grad, Hvar 35 NM, 5.0 h		SAILING Stari Grad-Split 20 NM, 3.0 h
9:00	ARRIVALS & REGISTRATION @ University of SPLIT, Faculty of Science	Parallel hands-on activity sessions	Ana Smith		Fraser MacMillan	Chris Oostenbrink	Dmitry Veprintsev		Maria Drndic	
10:00										T.B.A.
11:00		Parallel hands-on activity sessions	Iva Tolić	Holger Stark	Eurico Cabrita	Bojan Žagrović	Helena Danielson	FREE TIME	Sabrina Leslie	T.B.A.
13:00	LUNCH									
14:00	Welcome Address	Marek Zurawski				Peter Kolb		Edwin de Pauw	FREE TIME	
15:00	Nuška Tschammer	Parallel hands-on activity sessions								
16:00			SAILING Split-Šibenik 40 NM, 7.0 h NM= nautical mile				SAILING Zadar-Rogoznica 50 NM, 8 h		Mario Gindric	Meni Wanunu
17:00	COFFEE			Zvonimir Dogic	Arwen Pearson	SAILING Sali-Zadar 23 NM, 3.0 h Free Time				
18:00	Parallel hands-on activity sessions	Parallel hands-on activity sessions		Antonio Šiber	Nenad Ban			Frank Sobott	Tony Watts	
19:00	DINNER									
20:00										
21:00	Students' Short talks	Students' Short talks	Beach Posters (Riva Šibenik)	Students' Short talks	Students' Short talks	Beach Posters (Riva Zadar)	Students' Short talks	Students' Short talks	Farewell Party Age of Sail Festivities	

DEPARTURES (ships and ferry to port of SPLIT
AND bus to SPLIT airport OR transfers to
ZADAR airport)

Radna atmosfera: skoro 60 radnih sati u 9 radnih dana

Post-festum

1. DROPBOX

- pdf predavanja
- pdf knjige sažetaka
- mailing lista
- FOTOGRAFIJE

2. FACEBOOK

<https://www.facebook.com/biophysics.school/>

Financije, rashodi pokriveni prihodima...

1. Rashodi

Predavači, brod	224000kn (27 sudionika)
Studenti, Kr. mora	115000kn (32 sudionika)
Studenti, brod	126000kn (30 sudionika)
Jedrilice	70000kn (25 sudionika)
StuDom (Split, Zg)	55000kn
Ostali troškovi	67000kn

2. Prihodi

Kotizacije (750€ stud., 1160€ predavač)	596000kn
Domaći donatori	61000kn

Primjedba: Kotizacije su većini sudionika pokrivali sponzori

EBSA	56000kn
COST (x3)	340000kn

Organizacijski i Programski odbor



Tomislav Vuletić (Chair) –
Institute of physics,
Zagreb



Peter Kolb – Uni
Marburg, Germany,
Chair of the COST
Action CM1207



Fraser MacMillan –
University of East
Anglia, UK, Chair
of the COST
Action CM1306



Frank Sobott –
Uni Antwerpen,
Belgium, Chair of
the COST Action
BM1403



Sanja Josef-Golubić –
Physics Department,
University of Zagreb



Nadica Maltar Strmečki –
Ruđer Bošković Institute,
Zagreb



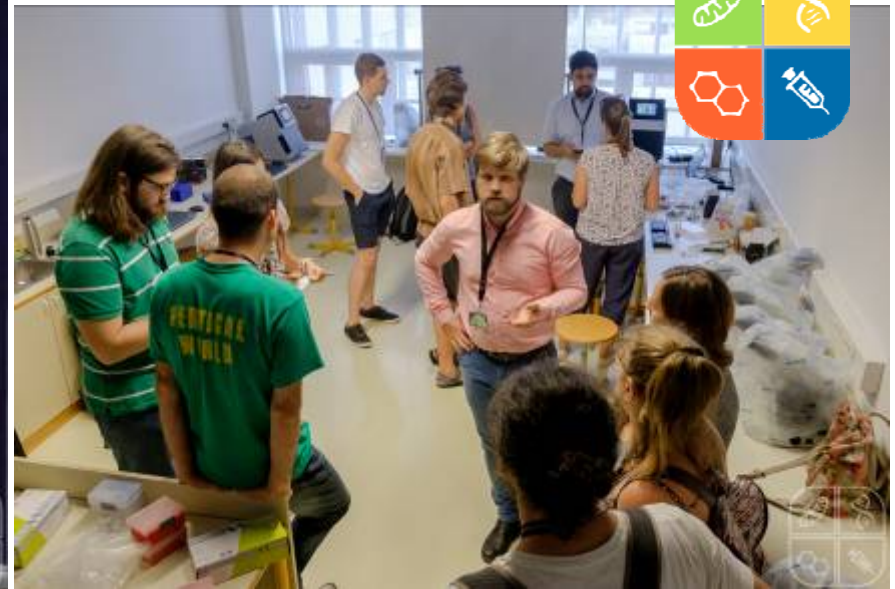
Ida Delač Marion –
Institute of physics,
Zagreb



Sanjin Marion –
Institute of physics,
Zagreb

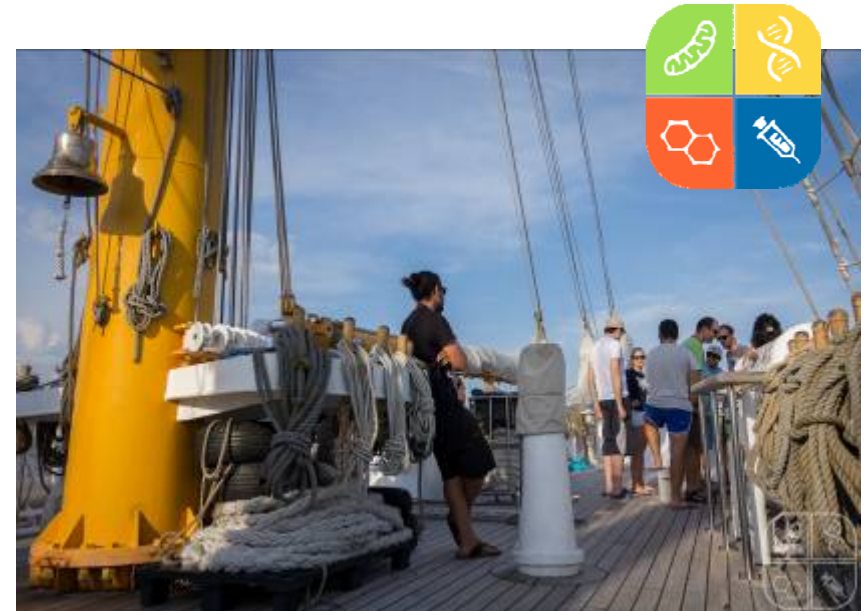
Mnoštvo suradnika i pomagača

T. Vuletić	IF	voditelj
N. Maltar Strmečki	IRB	član OO
I. Delač Marion	IF	član OO
S. Golubić	PMF	član OO
S. Marion	IF	član OO
Mario Juričić	IF	volonter
F. MacMillan	COST	član OO
P. Kolb	COST	član OO
F. Sobott	COST	član OO
Mario Cindrić	IRB	predavač volonter
Nikolina Novosel	IF	volonter
Lucija Krce	PMF ST	sudionik-volonter
Vedran Vuković	IRB	sudionik-volonter
Amela Hozić	IRB	volonter
Martina Lihter	EPFL	sudionik-volonter
Bojan Žagrović	Vienna	predavač volonter
Ante Bilušić	PMF ST	dekan
Larisa Zoranić	PMF ST	volonter
Lara Štajner	IRB	sudionik-volonter
Martina Požar	PMF-ST	sudionik-volonter
Damir Vurnek	Erlangen	sudionik-volonter
Danijel Grgičin	IF	sudionik-volonter
Eurico Cabrita	Portugal	predavač volonter
Skipperi, trojica		volonteri



Split





Šibenik



Dugi otok: Sali



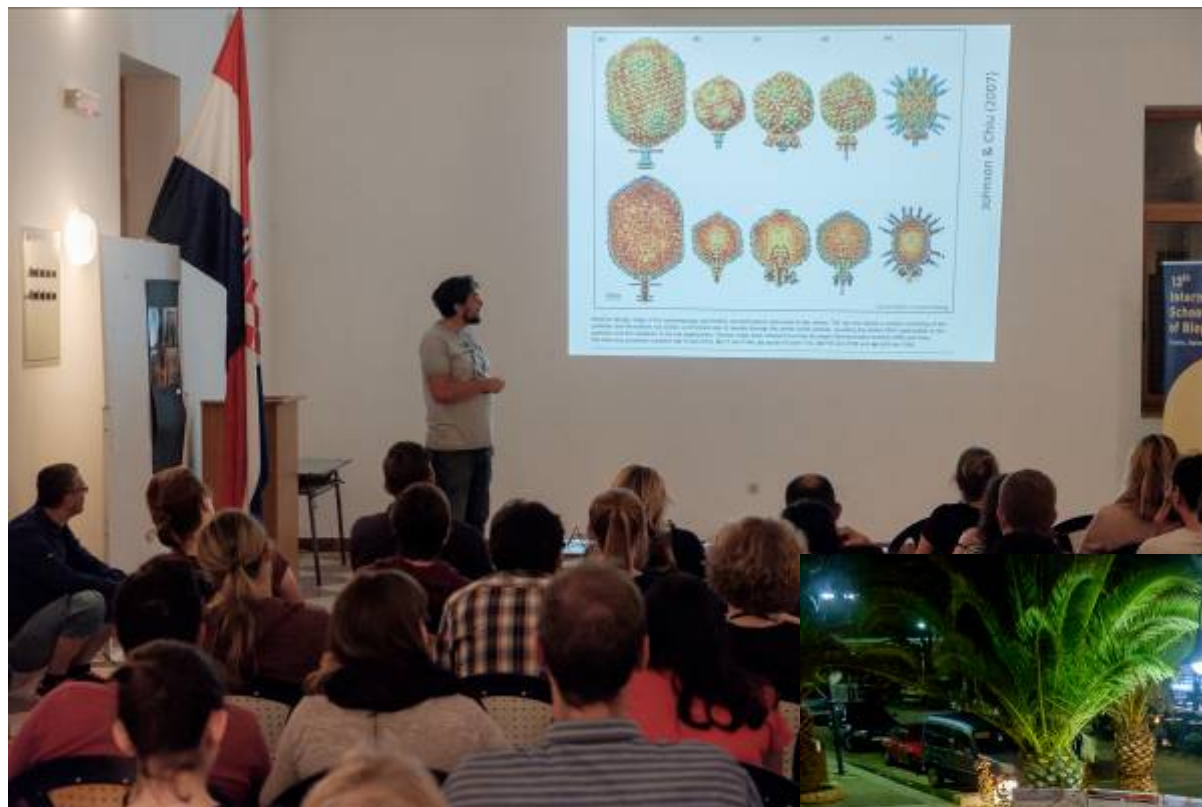


Zadar





Zadar



Rogoznica



Stari Grad











KARAN



AISHURIA



JOSA