

Applied Linear Algebra

*In honor of Hans Schneider
Novi Sad, May 24-28, 2010*

Scientific Committee

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*The whole material, including the book of abstracts and
this information booklet, will be stored on your personal
USB memory stick built-in your name tag.*

FACULTY OF SCIENCES



Department of Mathematics and Informatics (DMI)



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General information

When & Where...

<i>Registration</i>	<i>Sunday, 18h-20h</i>	<i>Hall of DMI</i>
<i>Opening ceremony</i>	<i>Monday, 9h30</i>	<i>Amphitheater 1 DMI</i>
<i>ALA 2010 talks</i>	<i>Monday-Friday</i>	<i>Amphitheater 1 DMI</i>
<i>Conference dinner</i>	<i>Tuesday, 20h</i>	<i>Hotel Park</i>
<i>GAMM ANLA Workshop</i>	<i>Wednesday-Thursday</i>	<i>Amphitheater 1 DMI</i>
<i>GAMM ANLA meeting</i>	<i>Wednesday, 18h</i>	<i>Amphitheater 5 DMI</i>
<i>Parallel section</i>	<i>Thursday</i>	<i>Amphitheater 5 DMI</i>
<i>Closing ceremony</i>	<i>Friday, 13h</i>	<i>Amphitheater 1 DMI</i>

*For any kind of help and assistance
feel free to contact any member
of the Organizing Committee*

Timetable

	<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>
9⁰⁰	Registration	<u>Volker Mehrmann</u>	<u>Chi-Kwong Li</u>
9³⁰	Opening ceremony		
9⁴⁵	<u>Hans Schneider</u>	<u>Andreas Frommer</u>	<u>Dragoš Cvetković</u>
10³⁰	Coffee break		
11⁰⁰	<u>Richard Varga</u>	<u>Uriel Rothblum</u> (<i>ILAS speaker</i>)	<u>Richard Brualdi</u>
11⁴⁵	<u>Ivo Marek</u>	<u>Daniel Hershkowitz</u>	<u>Juan Manuel Pena</u> (<i>GAMM speaker</i>)
12³⁰	Lunch break		
14³⁰	<u>Gernot Engel</u>	<u>Raphael Loewy</u>	<u>Tomasz Szulc</u>
15⁰⁰	<u>Efstratios Gallopoulos</u>	<u>Akira Imakura</u>	<u>Vladimir Kostić</u>
15³⁰	Coffee break		
16⁰⁰	<u>Panayiotis Psarrakos</u>	<u>Jurjen Duintjer Tebbens</u>	<u>Achiya Dax</u>
16²⁰	<u>Athanasios Pantelous</u>	<u>Rafael Canto</u>	<u>Katarzyna Filipiak</u>
16⁴⁰	<u>Vincent Yannello</u>	<u>Jose Mas</u>	<u>Apostolos Hadjidimos</u>
17⁰⁰	<u>Virginia Forstall</u>	<u>Stavros Vologiannidis</u>	<u>Isabel Gimenez</u>
17²⁰	<u>Nestor Thome</u>	<u>Dijana Ilišević</u>	<u>Jagjit Singh</u>
17⁴⁰	Petar Markovic	<u>Zoran Tomljanović</u>	<u>Patanjali Sharma</u>
18⁰⁰	Free time		GAMM ANLA meeting
20⁰⁰	Conference dinner		

	Thursday GAMM ANLA	Thursday ALA2010	Friday
9⁰⁰	<u>Michael Tsatsomeros</u> (GAMM speaker)		<u>Miroslav Fiedler</u>
9⁴⁵	<u>Peter Butkovič</u> (GAMM speaker)		<u>Michael Neumann</u>

10³⁰ Coffee break

11⁰⁰	<u>Sergei Sergeev</u>	<u>Karsten Kahl</u>	<u>Daniel Szyld</u>	11⁰⁰
11²⁰	<u>Dimitrios Noutsos</u>	<u>Jovana Džunić</u>		
11⁴⁰	<u>An-Kristin Baum</u>	<u>Elena Pelican</u>		
12⁰⁰	<u>Olga Kushel</u>	<u>Ljiljana Arambašić</u>	<u>Rafael Bru</u>	11⁴⁵
12²⁰	<u>Peter Benner</u>	<u>Ilja Gogić</u>		
			<u>Lev Krukier</u>	12¹⁵

Small break **12⁴⁵**

12⁴⁰ Lunch break

Closing ceremony **13⁰⁰**

14³⁰	<u>Miro Rozloznik</u>	<u>Manuel Ceballos</u>
14⁵⁰	<u>Petr Tichy</u>	<u>Milica Andjelić</u>
15¹⁰	<u>Constantin Popa</u>	<u>Tamara Koledin</u>
15³⁰	<u>Miroslav Tuma</u>	<u>Bojana Mihailović</u>
15⁵⁰	<u>Dorota Kubalinska</u>	<u>Aleksandar Ilić</u>

16¹⁰ Coffee break

16³⁰	<u>Christos Kravvaritis</u>	<u>Relja Vulcanović</u>
16⁵⁰	<u>Peter Junghanns</u>	<u>Boško Jovanović</u>
17¹⁰	<u>Karla Rost</u>	<u>Tomas Vejchodsky</u>
17³⁰	<u>Matthias Bolten</u>	<u>Aihua Li</u>
17⁵⁰	<u>Marko Petković</u>	<u>Đurđica Takači</u>

18¹⁰ Scientific Committee session

Electronic equipment and WiFi access

Technical staff:

Ivan Pribela



Saša Tošić



Technical check-up

All ALA 2010 participants that are giving talks should contact technical staff at least 15min prior to the beginning of their section. If you have special needs for some electronic equipment, please contact our staff at least one day before your talk.

Free of charge WiFi networks

Department of Mathematics and Informatics

Network SSID: PMF1 (or PMF2 or PMF3)

Password: opened networks

City center, pedestrian zone

Network SSID: GradNoviSad

Password: opened network

Browser login:

ID: guest

password: guest

How to reach Faculty of Sciences

1. By taxi...

Minimal price for a ride is 100 RSD (approx 1 EUR).

VIP TAXI (+38121) 444 000

BELI TAXI (+38121) 400 800

NAŠ TAXI (+38121) 300 300

NOVUS TAXI (+38121) 500 700

NACIONALNI TAXI (+38121) 444 888

2. By Bus...

Bus ticket can be bought from the bus driver and it costs 40RSD (approx 40 cents).

3. On foot ...

From Hotel Park...

1. By taxi

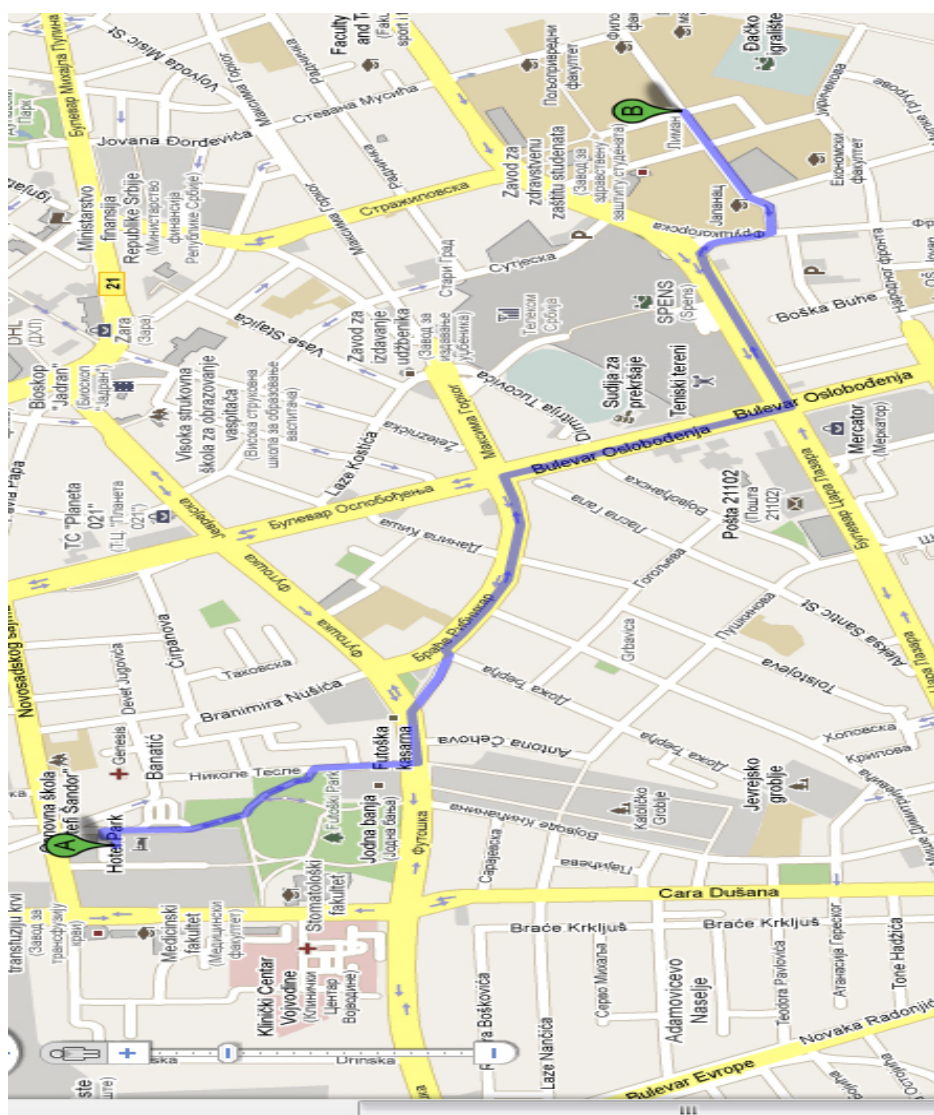
In front of the hotel Park there is a Taxi station. A ride to the Faculty of Sciences should cost approximately 250 RSD.

2. By Bus

You can take bus line 11A at the station on Hajduk Veljkova Street, which takes you to the University Campus.

3. On foot (approx. 35 min)

Use the map on the following page. Follow the directions on the left side of the map. Hotel Park is marked by A, and the Faculty of Sciences is marked by B.



From: Unknown road



1. Head east	43 m
2. Turn right toward Николe Теслe	17 m
3. Turn right toward Николe Теслe	240 m
4. Turn left toward Николe Теслe	170 m
5. Turn right at Николe Теслe	170 m
6. Turn left at Фургошка	140 m
7. Slight right at Браће Рибникар	160 m
8. Turn left at Дожа Ђерђа	16 m
9. Turn right at Браће Рибникар	500 m
10. Turn right at Бulevar Oslobođenja	500 m
11. Turn left at Бунеар Цара Лазара	400 m
12. Turn right at Фрушкогорска	180 m
13. Turn left at Др Илије Ђуричића	350 m

Др Илије Ђуричића



From Hotel Vojvodina...

1. By taxi

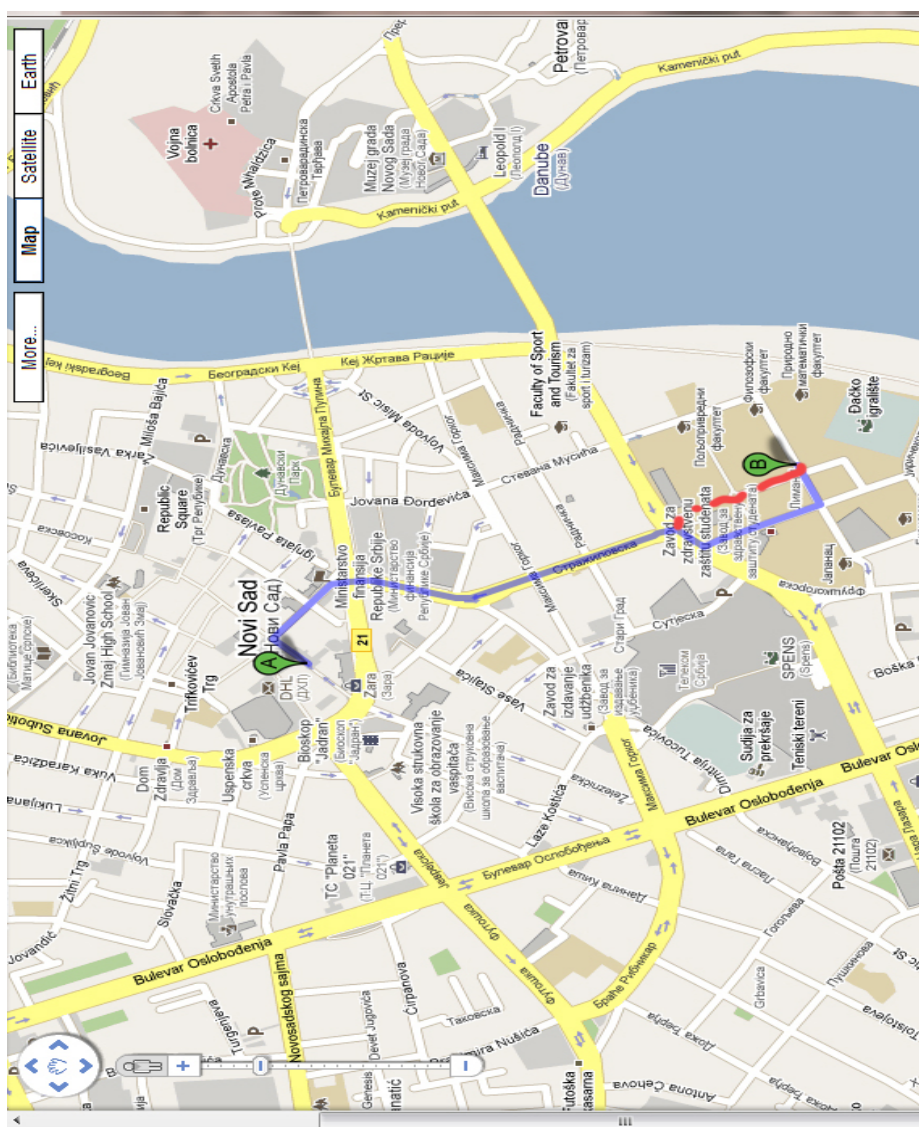
You can call one of the taxi services on page 11. The ride from the hotel Vojvodina to the Faculty of Sciences should cost approximately 150 RSD.

2. By bus

You can take bus line 8 (direction Strand) or 4 (direction Liman) which both take you to the University Campus.

3. On foot (approx. 15 min)

Use the map on the following page. Follow the directions on the left side of the map. Hotel Vojvodina is marked by A, and the Faculty of Sciences is marked by B.



Suggested routes

Стражиловска 1.5 km	18 mins
Др Зорана Ђинђића 1.7 km	20 mins
Радка Симића 2.0 km	24 mins

Kralja Aleksandra

1. Head northeast on Kralja Aleksandra
2. Turn right to merge onto Modene
3. Continue onto Žarka Zrenjanina
4. Slight left at Стражиловска
5. Slight left to stay on Стражиловска
6. Slight right to stay on Стражиловска
7. Turn right at Булевар Цара Лазара
8. Turn left at Др Симе Милошевића
9. Turn left at Др Илије Ђуричића

Др Илије Ђуричића

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

From Hotel Zenit...

1. By taxi

You can call one of the taxi services on page 11. The ride from the hotel Zenit to the Faculty of Sciences should cost approximately 150 RSD.

2. By bus

You can take bus line 8 (direction Strand) or 4 (direction Liman) which both take you to the University Campus.

3. On foot (approx. 15 min)

Use the map on the following page. Follow the directions on the left side of the map. Hotel Zenit is marked by A, and the Faculty of Sciences is marked by PMF.

Ilije Ognjanovića
HOTEL ZENIT
 Стражиловска

[Add Destination - Show options](#)

Walking ▼
Get Directions

Also available: [By car](#)

Walking directions are in beta.
Use caution – This route may be missing sidewalks or pedestrian paths.

Walking directions to Стражиловска

Suggested routes

Ilije Ognjanovića	HOTEL ZENIT
1. Head southwest on Ilije Ognjanovića toward Modene	29 m
2. Turn left at Modene	110 m
3. Continue onto Žarka Zrenjanina	230 m
4. Slight left at Стражиловска	450 m
5. Slight left to stay on Стражиловска	22 m
6. Slight right to stay on Стражиловска	10 m

Стражиловска

These directions are for planning purposes only. You may find that

Hide

☒ Walking directions to Стражиловска
 Novi Sad

From Voyager Apartments...

1. On foot (approx. 3 min)

Use the map on the following page. Follow the directions on the left side of the map.



From Hotel Panorama...

1. By taxi

You can call one of the taxi services on page 11. The ride from the hotel Panorama to the Faculty of Sciences should cost approximately 200 RSD.

2. By bus

You can take bus line 4, direction Liman, at the station on Jevrejska Street, which takes you to the University Campus.

3. On foot (approx. 25 mins)

Use the map on the following page. Follow the directions on the left side of the map. Faculty of Sciences is marked with B.

Restaurants

There is a wide variety of restaurants in Novi Sad, offering different types of cuisine. Some of the well known are pinned on the map.

1. OGNJIŠTE

Dimitrija Tucovića 3
tel. (+381) 45 05 94

Open 09:00 - 01:00

Serves local specialties, some of which cannot be found anywhere else. The interior, with its stone walls and massive wooden tables is reminiscent of a dim lit mountain lodge. The rustic décor is punctuated by numerous old items from country houses. The portions may be surprisingly large so you should check with the waiters (dressed in folk costumes) what you are getting, because if you go as a couple and you are not ravenously hungry, you may share the main course to make room for the soup and the dessert. Be sure to try teletina ispod sača - succulent veal roasted under an iron bell on coal and ashes.

2. PLAVA FRAJLA

Sutjeska 2 (SPENS)
tel. (+381) 661 36 75

Open 09:00 - 23:00
Sat 09:00 - 01:00
Sun 09:00 - 01:00

A very popular restaurant, famous for its delicious dishes. Finding a table at lunch-time on Sundays is a mission impossible. The quirky interior decorated in Vojvodina style features chairs hanging from the ceiling (avoid only if you have a phobia of chairs falling on your head). A great place to try authentic local dishes. You will be served in-house made hot pita bread with every dish.

3. ASTAL ŠAREN

Mite Ružića 4
tel. (+381) 52 80 04

Open 09:00 - 23:00
Sat 09:00 - 01:00
Sun Closed

A tiny restaurant with authentic Serbian cuisine and ambiance, its tables covered with check tablecloths. The short menu caters for meat fans, offering various grilled dishes and fresh vegetable salads. The only home-made dish is a veal soup which is a must order. The place is easy on the pocket and the dishes are quickly served, so it is far better to come here than waste your money away on fast food.

4. AQUA DORIA

Kamenički put bb
tel. (+381) 643 31 11

Open 09:00 - 24:00
Sat 09:00 - 01:00
Sun 09:00 - 01:00

Excellent location (against the backdrop of Petrovaradin Fortress, next to the bridge) and good food have made this floating restaurant very popular. The specialty of the house is fish stew, and the offer includes freshwater fish prepared in a variety of ways, grilled meat, and some interesting local specialties such as svadbarski kupus (cabbage slow-cooked with meat and bones of all kinds). The interior is decorated in simple and rustic, real country style, and there is an inviting summer terrace with a protective roof on the shore. People come here to while away long nights with music and wine and to savour their food at leisure.

5. GUSAN

Zmaj Jovina 4
tel. (+381) 42 55 70

Open 08:00 - 24:00

Housed in the basement of a 19th century building (one of the first 4 buildings in town on two floors), this place is something between a restaurant and a pub. It boasts a lovely shady terrace fenced off in the manner of traditional Serbian villages and offers a selection of beers and local dishes at more than reasonable prices. In the evening, it often hosts gigs and DJ performances and draws sizeable crowds.

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