

**2015 FAI European Championships for Space Models (Seniors and Juniors)  
21th-28th August, 2015 – (Lviv region), Ukraine**



OVERCOMING  
GRAVITY

2015 **UKRAINE**  
**LVIV**  
FAI EUROPEAN CHAMPIONSHIPS  
FOR SPACE MODELS



**UKRAINE**  
SPACEMODELLING  
SPORT FEDERATION



**NOOSPHERE**  
Technology Knowledge Humanity



**BULLETIN**  
**15, November, 2015**

## Lviv region

### ORGANIZERS:

By appointment of the Federation Aeronautique Internationale (FAI)

#### Organizers are:

Federation of Aeronautical Sports of Ukraine  
Spacemodelling Sports Federation of Ukraine  
Ministry of Youth and Sports of Ukraine  
Lviv Regional State Administration  
Lviv City Council

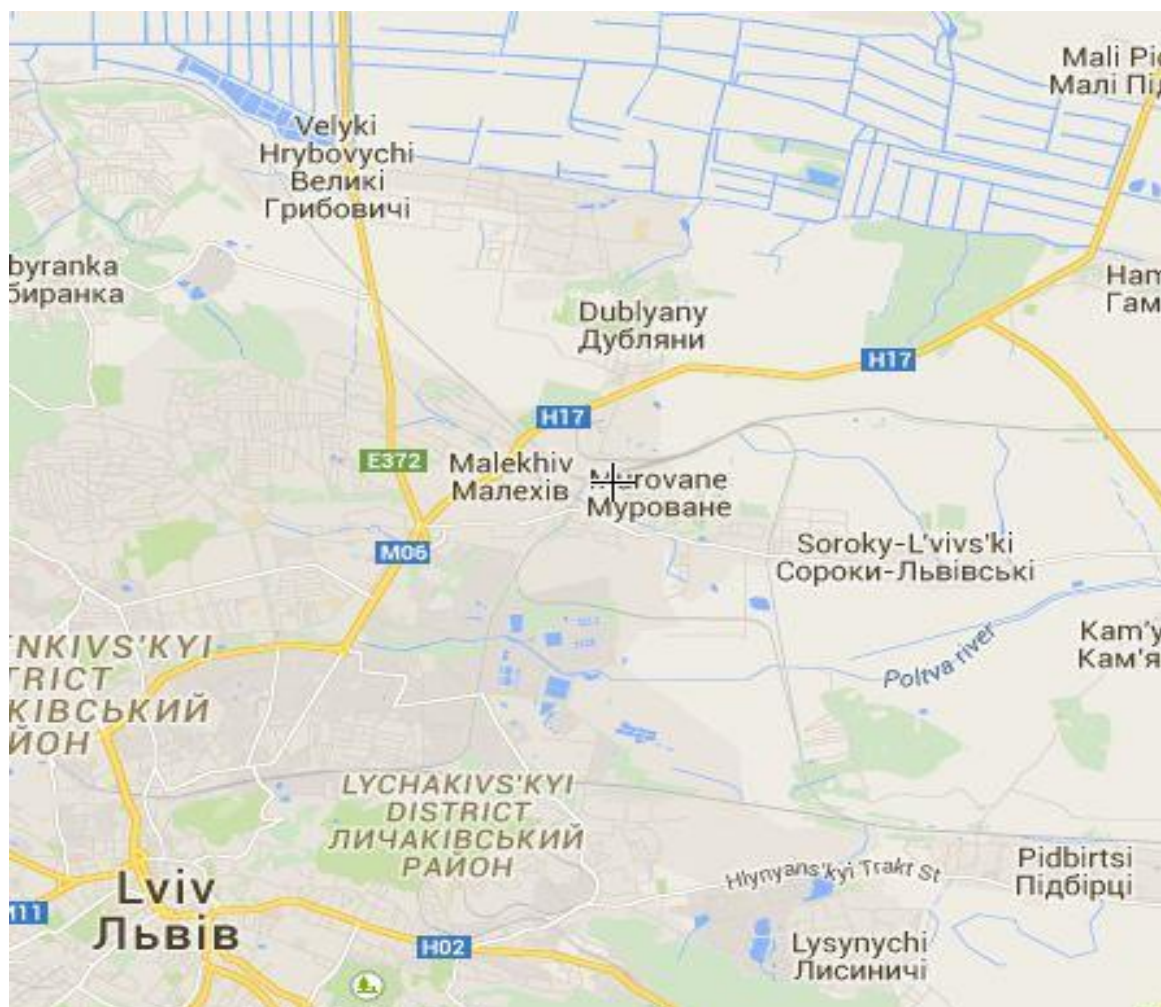
Director of the Championships: **Mr. Mykhailo RIABOKON**

Sports Director: **Mr. Volodymyr PANAKHNO**

IT Service Manager : **Mr. Bronislav VIL'KOSH**

Secretary of the Championships: **Mrs. Hanna HAPON**

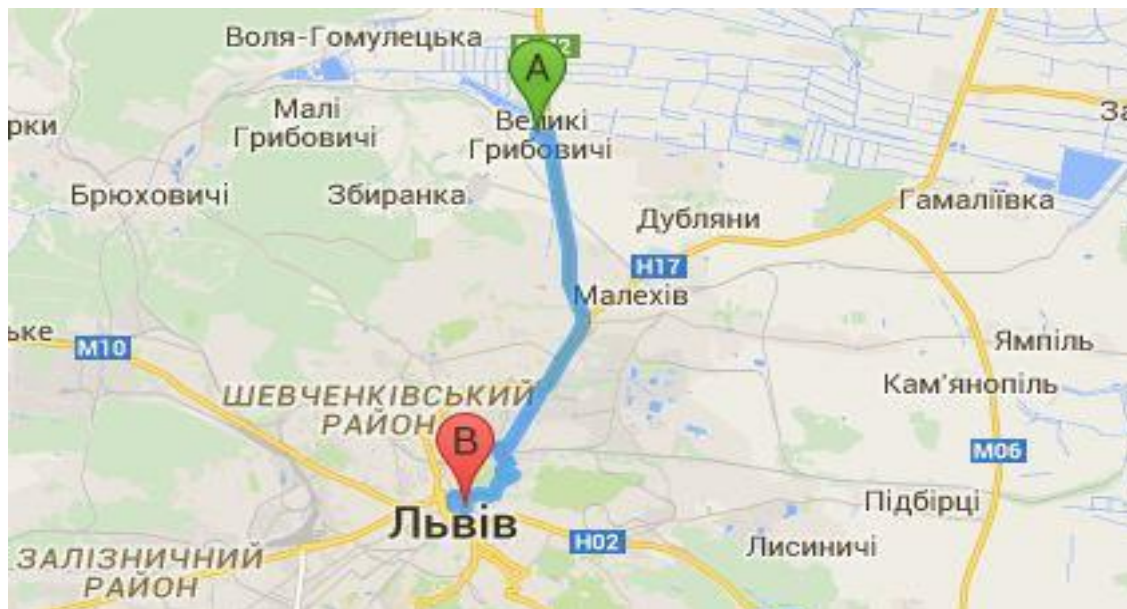
### DESCRIPTION OF THE CHAMPIONSHIPS' LOCATION:



## Transportation:

The European Championships will be held at airfield near Lviv Ukraine. Airfield is 6 km from the downtown of Lviv.

- we are organizing free bus from the downtown
- quite easily to get there by auto route from Lviv (E372-M09)



- And there is a carriageable way (track E-372) from the Polish border

Two international highways cross Lviv, as follows:

- Calais-Ridder E-40 (M-11 in Ukraine),
- Warsaw-Lviv E-372 (M-09 in Ukraine).

I. International airport is located in Lviv. GPS: 49°49'04.5"N 23°57'33.3"E

II. Flights are serviced by the following airline companies: Austrian Airlines, Lufthanza, Czech Airlines, Pegasus, CarpatAir, Turkish Airlines, WindRose, Lot, WizzAir, Astra Airlines, Azerbaijan Airlines, UtAir, Dniproavia, International Airlines of Ukraine.

<http://www.lvivairport.info/>

III. Information on international and national trains can be found here:

<https://www.uz.gov.ua>

Railway station in Lviv - GPS: 49° 83' 97" N, 23° 99' 43" E

IV. The organizers offer Officials Delegations the picking-up and transfer from airport, railway and bus stations to accommodation place.

V. Map of Ukraine, cities and any address can be found here:

<http://wikimapia.org/>

<https://www.google.com/maps>

**Information on entry documents visa registration procedure** can be found on the official website of Ministry of Foreign Affairs of Ukraine:

<http://mfa.gov.ua/en>

Weather conditions common for August:

- Average daily temperature: 18-24°C
- Average wind speed: 3,8 m/sec
- Wind direction: west, north-west, south-west
- Rainfall / month: 3,18 mm.

### SCHEDULE:

Classes: Seniors S1B, S3A, S4A, S5C, S6A, S7, S8E/P, S9A  
 Juniors S1A, S3A, S4A, S5B, S6A, S7, S8D, S9A

№	Data	Competition Day	Schedule	Seniors		Juniors		Fly-offs		Start – end
								Seniors	Juniors	
1	21.08.2015	Friday	Arrival of participants, registration at reception of the hotel 'Eurohotel' ('Warsaw', 'Lviv') in Lviv accommodation, training, engine testing, turn - in of S5 and S7, TM meeting,							
2	22.08.2015	Saturday	Official training 9.30 - 16.00 Engine testing OPENING CEREMONY - 19.00							
3	23.08.2015	Sunday	Contest flights	S6	S4	S3	S1	S6,S4	S3	08.00-18.30
4	24.08.2015	Monday	Contest flights	S3	S1	S6	S9	S3	S6,S9	08.00-18.30
5	25.08.2015	Tuesday	Contest flights	S9	S5	S5	S4	S9	S4	08.00-18.30
6	26.08.2015	Wednesday	Contest flights	S8E/P	S7	S7	S8D		S8D	08.00-18.30
7	27.08.2015	Thursday	Reserve Day - Excursion CIAM Space Models Subcommittee Meeting from 17.00 to 19.00 PRIZE AWARDING CEREMONY AND BANQUET - 20.00							
8	28.08.2015	Friday	Departure of participants after breakfast 11.00							

### Overview of cultural and social events for EuSMCh 2015:

- 22. 08. 2015 - 19.00 The opening ceremony of the EuSMCh 2015.
- 27. 08. 2015 - 09.00 Tour historical sites

(hiking)

1. **Rynok Square** has been the centre of political, public, cultural, and commercial life of the city for 500 years; it is the heart of Lviv, the setting of the historic beginning of the Europeanization of Ukraine.

**The Kornyakt Palace** (6 Rynok Square) represents an extremely valuable Renaissance monument dating to 1580; it was the palace of the wealthiest citizen in the whole history of Lviv - the merchant Constantine Kornyakt.

**The Chapel of the Boim family** is a famous and very unique late Renaissance monument; it has no analogues, neither in Ukraine nor in the rest of Europe...

**Virmens'ka str.** The Armenian community, one of the oldest in Lviv, had formed over a period of many years a centre for its national life in Lviv. Its unique architecture portrays the original spirit of this Eastern Christian culture.

**The Lviv Opera House** (28 Svobody Square) is an architectural gem of Lviv, built in the Neo-Renaissance style in 1901, and one of the most beautiful theatres in Europe.

(bus)

2. **The Dominican Church**, now the Greek Catholic Church of the Holy Eucharist, is a magnificent monument of the late Baroque; it is adorned with original sculptures.

**The Bernardine Monastery** (now the Greek Catholic Church of St. Andrew) is an impressive monument in the Renaissance, Mannerism, and Baroque styles dating to 1600-1630s. This is a fortified medieval monastery.

**The High Castle Park** (Uzhhorodska and Knyazha Streets): an old shady park on the hill towering above the city, ruins of an old castle, the viewing platform, and breathtaking sceneries

**The Palace of Counts Potockis** is a majestic edifice in French Neorenaissance style of late 19th century.

(Gastronomic tour)

3. **The Lviv Beer Brewing Museum** is the first museum of beer brewing in Ukraine. The exhibit presents a complete history of beer brewing in Lviv and the Lviv Beer Plant.

Somewhere in the subterranean vaults of the Ploshcha Rynok (Market Square), you can come upon a basement tavern, designed to look like a **kryyivka (underground bunker)** Kryyivkas were used by partisan soldiers enlisted in the Ukrainian Insurgent Army. But, you need to pronounce the password if you want to get in.

**Hasova Lyampa**

The first Museum-Restaurant in Ukraine!

This restaurant and tavern is the first museum-restaurant in Ukraine. In fact, it hosts a huge collection of kerosene lamps, as the first kerosene lamp was invented in Lviv in 1853. Here, guests can enjoy a pleasant and tasty meal, and find out more about the history of these lamps.

## **PARTICIPATION:**

- Each FAI member may enter with a National team consisting of:
- One Team manager for seniors,
- One Team manager for juniors,
- One Team manager's assistant / trainer for seniors,
- One Team manager's assistant / trainer for juniors,
- Maximum 3 seniors competitors in each class,
- Maximum 3 juniors competitors in each class,
- Official helpers,
- Supporters,
- Two timekeepers for every country with free accommodation and board from lunch on the 21 August till breakfast on the 28 August and banquet.

## **FAI JURY:**

Jury President **Mr. Srdjan PELAGIC** Serbia  
Jury Member **Mr. Juriy HAPON** Ukraine  
Jury Member **Mr. Tedeusz Kasprzycki** Poland  
Reserve **Mr. Lubomir JUREK** Slovakia  
Reserve **Mr. Joze CUDEN** Slovenia  
Reserve **Mr. Bedrich Pavka** Czech Republic

## **FAI JUDGES S5 and S7:**

Chief Judge **Mr. Jan KOTUHA** Slovakia  
Judge **Mr. Nikola CVJETICANIN** Serbia  
Judge **Mr. Stuart LODGE** United Kingdom  
Judge **Mr. Olexandr POHREBNIAK** Ukraine  
Judge **Mr. Jiry KASPAR** Czech Republic  
Judge - reserve **Mr. Arnis BACA** Latvia  
Dimension Measuring **Mr. Viktor KOVALYOV** Ukraine

## **RANGE SAFETY OFFICERS:**

For Seniors **Mr. Andrija DUCAK** Slovenia  
deputy RSO **Mr. Oleksandr LIPETSKIY** Ukraine  
For Juniors **Mrs. Ewa DUDZIAK PRZYBYTEK** Poland  
deputy RSO **Mr. Denys PRYDANNIKOV** Ukraine  
Reserve **Mr. Andrius BUKAUSKAS** (Lithuania)

## **ENGINE TESTING:**

**Mr. Vyacheslav MELEZYK** Ukraine  
**Mr. Angel TODOROV** Bulgaria  
**Mr. Juriy KRUPYTSKIY** Ukraine

## **IT Manager S5, S1:**

**Mr. Leszek SZWED** Poland

**RULES:**

FAI Sporting Code, Section 4, Volume ABR and Volume Space Models, Edition January 01, 2015.

**SPORTING LICENSES:**

Every competitor, team manager and assistant team manager/coach must possess a valid FAI Sporting License.

**AGE OF JUNIORS AND THEIR HELPERS:**

(Sporting Code, paragraph B.3.4): “A competitor is considered to be a junior up to and including the calendar year in which he attained the age of 18.”

**INSURANCE :**

Participants should provide their own health insurance to cover accident and illness.

**OFFICIAL LANGUAGES:**

English and Ukrainian.

**ENTRY FEES:**

- 330 € – basic entry fee for TM and TM assistant
- 330 € – basic entry fee for senior competitors,
- 200 € – basic entry fee for junior competitors
- 60 € – basic entry fee for official helpers and supporters
- 30 € – basic entry fee for banquet senior
- 30 € – basic entry fee for banquet junior

**PROTESTS:**

All protests must be presented in writing to the Contest Director at the competition site and must be accompanied by a deposit of 35 €. The deposit is to be returned if the protest is upheld only.

Entry fee covers the cost of participation card in World Championships, informative materials, souvenirs and sport trophies.

**The basic entry fees will be paid in Euro to the bank account of the organizers listed below**

**From April 01, 2015 but not later than 31 May 2015**

Date of payment	Benefit	Fine
February-28	-10%	/
March-31	-5%	/
April-30	--	--
May-31	--	--
June -30	/	+5%
July-31	/	+10%
On site	/	+20%

**Send the entry fees to the following bank account (Euro only):**

**BANK ADDRESS PUBLIC JOINT STOCK COMPANY COMMERCIAL BANK  
“PRIVATBANK” office**

50 Naberezhna Peremohy Str.  
Dnipropetrovs'k  
49094, Ukraine

**Customer's Name** **FEDERATSIYA RAKETOMODEL'NOGO SPORTU  
UKRAINI VSEUKRAINS'KA GROMADS'KA ORGANI**  
Semafora Str. 40/77  
49124, Dnipropetrovs'k  
Ukraine

**Client №** **26007050233168**

**IBAN:** **UA323052990000026007050233168**

**SWIFT:** **PBANUA2X**

**RADIO FREQUENCIES :**

Following frequencies are expected to be used: 35 MHz, 40 MHz, 2,4 GHz. Every competitor must register two frequencies for every transmitter except for 2.4 GHz spread spectrum devices.

**ANTI-DOPING :**

If a competitor has to take, for a medical condition, any of the substances listed on the WADA Prohibited List then he must have a Therapeutic Use Exemption from the FAI. <http://www.wada-ama.org/>

Quotation from the FAI Anti-doping regulations:

“If you regularly take medication prescribed by your doctor and this medication is on the WADA Prohibited List, you need to get a form called a TUE (therapeutic use exemption) filled out by your doctor. International level athletes must send the form to the FAI Secretariat, National level athletes send it to their National Air Sport Control”.

**CLASSIFICATION AND AWARDS:**

The first three individuals in each class will receive FAI diplomas, FAI medals and organizer's cups. The first three teams in each class shall receive one FAI medal each and the organizer's cups. Team members of the first three teams, including team managers, will receive FAI diplomas.



## EUROPEAN CHAMPIONS 2013

The European Championships 2013 winners have the right (subject to the approval of his National Air sports Control) to participate in the next European Championships in this category regardless of whether he qualifies for the national team or not. These are:

Seniors			Junior		
S1B	VYSOTSKYY PAVLO	UKR	S1A	CATALIN CHELMUS VOLAREVIC LUKA	ROU SRB
S3A	JUCEVIČIUS GINTARAS	LTU	S3A	BRATOEV SLAV	BUL
S4A	LASOCHA SLAWOMIR	POL	S4A	BRINOVEC ŽIVA	SLO
S5C	EZHOV ALEXEY	RUS	S5B	CIPCIC MIODRAG	SRB
S6A	MALMYGA LESZEK	POL	S6A	GOLOVIN OLEXANDR	UKR
S7	LIEVYKH OLEXANDR	RUS	S7	PANKRATOV DENIS	RUS
S8E/ P	BYRTEK SZYMON	POL	S8D	SHIROBOKOV ALEKSANDR	RUS
S9A	ZEMLYANUKHIN ANATOLY	RUS	S9A	PETROV ANTONIO	BUL

### REGISTRATION:

Provisional entry forms should be sent not later than the 15th February, 2015.

Final entry forms should be sent not later than the 31th May, 2015, accompanied with payment of the full entry fee.



## **CONTEST SITE:**

**Location:** within 6 km from Lviv center.

**GPS:** 49°55'16.2"N 24°03'48.0"E

**Field Size:** 1000×1500m.

**Surface:** grass

Airfield is suitable to conduct practice flights, to train pilots of planes, helicopters, gliders, to fly hang-gliders, to bail and hold aeromodelling sport events. Airfield's peculiarity: smooth coating of perennial grasses.

The polygon will be provided with a **free internet Wi-Fi** .

During the championships the results will be published on-line by scoring-system 'CupNavigator'

<http://cupnavigator.com/>

## **ACCOMMODATION AND BOARD:**

The Organizer ensures board and lodging for all participants in 3-star hotels 'EuroHotel', 'Warsaw', 'Lviv' (the same price)

Breakfast and dinner will be served in hotel's restaurant, and hot lunch and mineral water will be served on the contest site, in special designated tents. Beer, coffee and soft drinks will be provided for extra fee.

Organizer provides daily client accommodation and full board (price for one person per 7 days).

**Organizer provides daily client accommodation and full board in a single price / person / day at an amount of 38 €.** (7 days, it is = 266 € / person).

**Accommodation includes:**

21.08.15 – lunch + dinner

22-27.08.15 – full board

28.08.15 – breakfast

Total 7 full board and lodging

**Banquet – 30 €**

The above applies only to the scheduled trial in 2015 FAI European Championships for Space Models.

Wi-Fi

Free parking zone in 'Warsaw'

'EuroHotel' and 'Lviv': 1 car - 8 € per 8 days

1 bus - 24 € per 8 days

(security guarded)

ABOUT HOTELS

**EuroHotel:** 49°50'8.16"N, 24°2'28.32"E



<http://www.eurohotel.lviv.ua/>

**Warsaw:** 49° 48' 757" N 23° 58' 671" E



<http://warszawa-hotel.com.ua/>

**Lviv:** 49°50'45.4"N 24°01'30.7"E



<http://www.hotel-lviv.com.ua/>

**NEXT BULLETINS:**

Bulletin No 1 – 15 December 2014

Bulletin No 2 – 28 February 2015

Bulletin No 3 – 15 June 2015

Bulletin No 4 – 18 August 2015

Bulletin No 5 – 31 August 2015

**CONTACT ADDRESS:**

FEDERATSIYA RAKETOMODEL'NOGO SPORTU UKRAINI VSEUKRAINS'KA  
GROMADS'KA ORGANI (Spacemodelling Sport Federation of Ukraine)

Semafora str. 40/77

49124, Dnipropetrovs'k

Ukraine

Tel/Fax: +380962454479, +380634134954, +380676926969

E-mail: volkanovroket@ukr.net, [olmaximova@gmail.com](mailto:olmaximova@gmail.com)

**The Organizing Committee**

Ol'ga Maxymova: +380634134954, +380676926969, [olmaximova@gmail.com](mailto:olmaximova@gmail.com)

**Information on 2015 FAI European Championships for Space Models (Seniors and Juniors) intended to aeromodellers is published on <http://frms.ua>. Official results will also be scored and published on the website using scoring system in real-time mode.**

**Local Rules for  
FLIGHT ALTITUDE MEASUREMENT BY ELECTRONIC  
ALTIMETER in the 2015 FAI European Championships for Space  
Models**

Flight altitudes in all altitude classes (S1A and S5B for juniors and S1B and S5C for seniors) shall be measured by electronic altimeters in accordance with the FAI Sporting Cod Section 4, Volume ABR, paragraph B.12 and Volume Space Models, paragraph 4.9.2.1 and its Annex 2 – Space Modeling Judges and Organizers' Guide, paragraph 5.b.2: Use of Electron Altimeters.

Local Rules for the Contest Process in Space Models Altitude Competitions in Classes S1 and S5 are those used for the FAI European Championships for Space Models Romania 2011 were approved by the CIAM Bureau at its meeting held in Lausanne (Switzerland) in December 2010

All flights shall be measured with the electronic altimeter ADREL (Poland) ALT-USB. The same type of the electronic altimeters produced by the same producer, that shall provide the organizer all competitors in these Championships, shall be used for electronic altitude measurements.

All details on preparation of altitude models with electronic altimeters for flight and the Contest Process will be published in Bulletin No 2.

**DEPOSIT**

Every team shall submit, at registration, a deposit for each altimeter that will be issued. The deposit must be paid before the contest starts. The deposit shall be an amount of **45 Euro** and shall be returned when the altimeters and batteries are returned. If an altimeter and battery is not returned, or is damaged, the deposit shall be retained. If all altimeters per team are lost, during a competition, a new deposit must be paid to allow the team to continue in the competition.