

The background of the image is split diagonally from the bottom-left to the top-right. The upper-left portion is a light gray color, and the lower-right portion is a solid red color. The text 'Alum Forum' is centered in the image, with 'Alum' on the top line and 'Forum' on the bottom line. Both words are in a bold, white, sans-serif font.

# Alum Forum

# Alum Forum

2nd International Forum  
"Aluminium in Architecture  
and Construction 2021"

September 21–23, 2021

Moscow, Technopark  
Skolkovo Innovation Center

## Founder



АЛЮМИНИЕВАЯ  
АССОЦИАЦИЯ

## Supported by



МИНСТРОЙ  
РОССИИ



МИНПРОМТОРГ  
РОССИИ



Комплекс  
градостроительной  
политики  
и строительства  
города Москвы



Москомархитектура

## Organizers



РУСАЛ



НИЦ строительство  
научно-исследовательский центр



## Strategic Information Partners



АССОЦИАЦИЯ  
ПРОЕКТИРОВЩИКОВ  
МОСКОВСКОЙ ОБЛАСТИ





**The founder of AlumForum is the Aluminium Association that represents over 100 Russian manufacturers, which account for more than 67% of the total production of high value-added aluminium products**

The Aluminium Association is implementing an Action Plan (“Road Map”) of the development of the aluminium industry for 2018-2023, approved by the Deputy Prime Minister of the Russian Federation D.N. Kozak on June 27, 2018 No. DK-P9-115pr, which specifies the objectives of the Presidential Decree of the Russian Federation dated May 7, 2018 No. 204 “On National Goals And Strategic Objectives of the Development of the Russian Federation Until 2024”.





AlumForum

# First Forum 2019

Year 2019. The First International Forum "Aluminium in Architecture and Construction" - AlumForum - was held in Moscow at the Expocentre Fairgrounds.

## Participants of the opening session of AlumForum:

**Dmitry Volkov**, Deputy Minister of Construction, Housing and Public Utilities of the Russian Federation,

**Viktor Evtukhov**, Deputy Minister of Industry and Trade of the Russian Federation,

**Pavel Servatinsky**, Director of the Department of Metallurgy and Materials, Ministry of Industry and Trade of the Russian Federation,

**Justin William Hughes**, CRU International Ltd., UK,  
Yuri Shivilov, Director for Development of Aluminium Consumption, UC RUSAL,

**Irina Kazovskaya**, Co-Chair of the Aluminium Association,

**Nikolay Shumakov**, President of the Union of Architects of Russia.



AlumForum

# Forum Speakers 2019

The 2019 Forum's business program included a stellar line-up of foreign speakers - leading architects from top architectural companies in the world:



**Fedor Bron**  
Associated Partner MVRDV  
The Netherlands



**Hussam Chakouf**  
Chief Architect  
Zaha Hadid Architects  
United Kingdom



**Jaewoo Lee**  
Head of GAN  
Global Architecture Network  
South Korea



**Umberto Zanetti**  
Founder  
of Zanetti Architects  
Italy



**Ivan Tomovich**  
General Director  
Werner Sobek Moskwa  
Germany



**Stefan Rappold**  
Chief Architect And Founder  
Behnisch Architekten  
Germany



**Volker Giencke**  
Professor, Architect, Founder  
«Giencke & Company Architects»  
Austria



# forum 2021

AlumForum facilitates productive interaction between manufacturers of aluminium materials and architects, designers, civil engineers, transportation engineers, developers and investors.

The goal of AlumForum is to expand the use of aluminium in architectural and construction projects of residential, public and industrial buildings, transport infrastructure facilities like subway, bridges, commuting hubs.

AlumForum

# Concurrent Projects

AlumForum 2021 is held in the Skolkovo Technopark simultaneously and according to the same program with ArchGlass — The 3rd Forum of the architectural glass industry.

Holding AlumForum concurrently with the ArchGlass forum will expand the prospects for the use of glass and aluminium products. Many companies in these sectors have common business interests and have been fruitfully working together for a long time. Skyscrapers are the showcase of aluminium in modern architecture - translucent facades of glass and aluminium profiles.

Aluminium in double-glazed windows, window and door systems, stained-glass windows, roof lights and ceilings, wallings, etc.

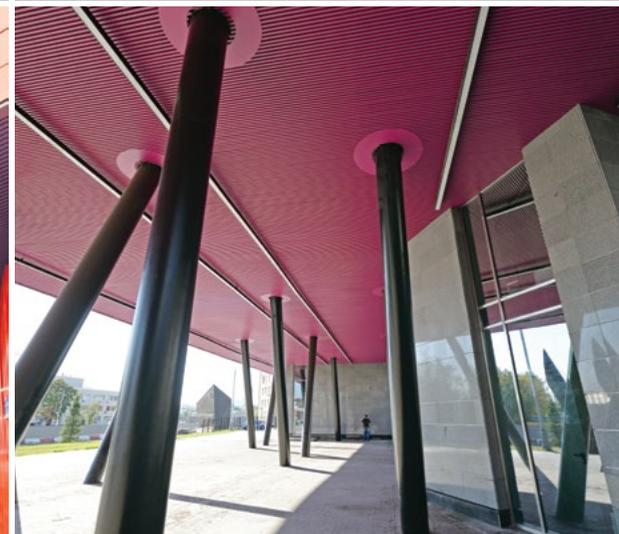
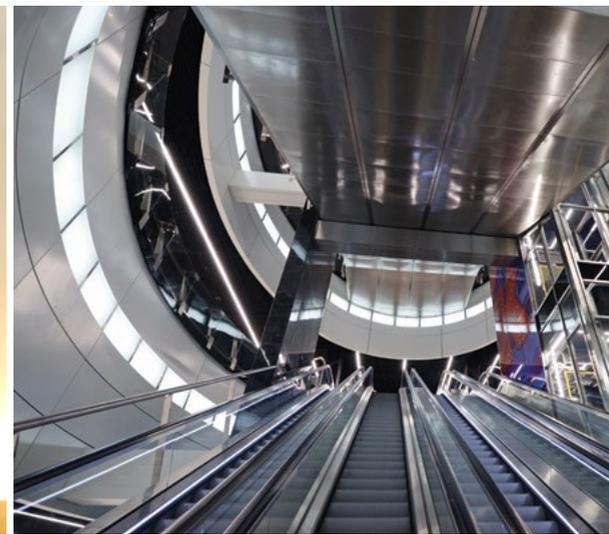
**Special section - “Aluminum at transport infrastructure facilities”**

Expand the possibilities of using aluminum in facilities transport infrastructure will allow companies to participate in a special section of the Forum.



**Aluminum  
at transport  
infrastructure  
facilities**





**AlumForum combines exhibition, business program and the competition “Aluminium in Architecture”, showcasing almost the entire spectrum of business opportunities from production of aluminium and aluminium products to their application in architecture and construction.**





## AlumForum

# Exposition

The use of aluminium in supporting and enclosing structures of public, residential and industrial buildings, in the construction of high-rise buildings and transport infrastructure facilities, for the decoration of subway stations, in bridge structures, sports facilities, decorative elements and small architectural forms in interiors.

The exposition includes: finished aluminium products, technologies and materials, innovative solutions to expand the use of aluminium in architecture and construction.

Topics:

Aluminium products:

- in enclosing and translucent structures (classic ventilated and innovative modular technologies for facades); aluminium "warm" windows; entryway arrangements and stained-glass windows of the first floors; facade elements of residential buildings; three-layer sandwich panels with aluminium cladding; rebate roof; modern possibilities of decorating facade cassettes (classic, color anodizing, PVDF coatings);
- in sports facilities (wide-span aluminium structures with prestressed coating);
- mobile prefabricated buildings on an aluminium frame (airport terminals, educational modules);
- in engineering communications (LED lighting; domestic heating radiators; innovative cables with aluminium core for residential, administrative and social facilities);
- in urban and transport infrastructure (bridges and overhead bridge passages made of aluminium alloys; noise screens; small architectural forms).

AlumForum

# Business program

Experts are invited to discuss issues and problems of the widespread use of aluminium in architecture and construction. They include senior officials and experts representing private sector - manufacturers of aluminium structures for the construction industry, leading domestic and foreign architects and designers.

Main topic is regulatory framework for the use of aluminium in construction. The program will include round tables, presentations, lectures and workshops.

Other discussion topics will include new approaches to the design of buildings using aluminium products in the context of current trends in domestic and foreign experience; "green" construction standards.



# 2021 Program Outline

Towards the implementation of national projects: using modern environmental and energy-efficient solutions in construction and architecture

Public-private partnership in the area of architecture and construction.

Model for the construction of sports infrastructure based on a leasing agreement.

Normative and technical regulation in the construction industry. Updating the standards for the use of aluminium in construction.

Expert evaluation of aluminium solutions in construction.

Areas of use of aluminium:

- transportation: subway, airports, bridges and commuting hubs;
- sports facilities;
- engineering solutions;
- translucent structures;
- landmark architecture: high-rise and unique constructions;
- prefabricated and modular structures;
- aggressive environment.

Use of high strength aluminium alloys. Fire safety in construction.

Best architectural solutions from the leading Russian architects.

Foreign experience of the use of aluminium in architecture and construction.





**competition**

# Competition

## “Aluminium in Architecture 2021”

**The first competition “Aluminium in Architecture” was held in 2019 as part of AlumForum**

**The purpose of the competition:**

Promoting the use of aluminium in architecture and construction, identifying new trends in the use of aluminium in architectural practice, contributing to the practical implementation of innovative technologies, engineering systems, the latest design trends in the field of design and construction, improving the quality of the architecture.

Entries: BUILDINGS and PROJECTS involving aluminium .

**Who are invited?**

Domestic and foreign architects, designers, restorers, designers, architectural bureaus, studios and workshops, design, manufacturing and construction organizations, architecture and urban planning bodies of regions and cities of Russia, investment and development companies, specialized universities and faculties.

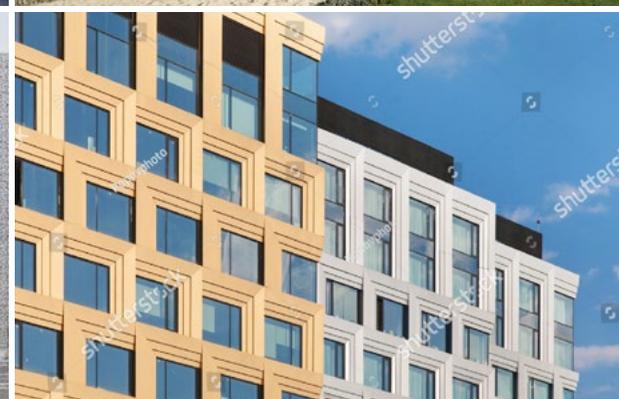
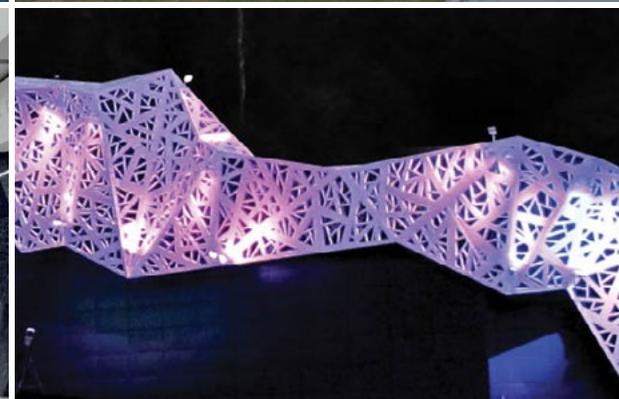
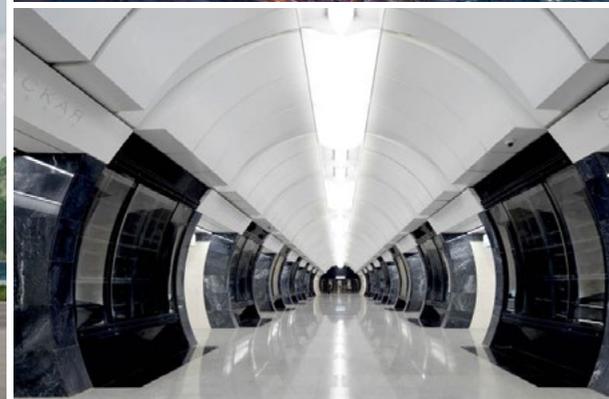
**Competition topics:**

Use of aluminium:

- in public, residential and industrial buildings and structures,
- in elements of transport infrastructure,
- in translucent structures,
- in bridges, bridge structures and commuting hubs,
- in sports facilities,
- in interiors, elements of a building and small forms.

National award —

The Grand Prix is awarded for the best completed project using aluminum in architecture and construction. Awards - Gold, Silver and Bronze Diplomas. Laureates of the competition are awarded with diplomas of the Union of Architects of Russia and the Union of Moscow Architects, prizes of the Aluminum Association.



AlumForum

# Jury Board 2019

Chair of the Board 2019



**Fedor  
Bron**

Associated partner  
MVRDV,  
The Netherlands



**Yuri  
Borisov**

head  
of «UNK project»  
studio



**Volker  
Giencke**

Founder  
«Giencke & Company  
Architects» Austria



**Irina  
Kazovskaya**

Co-Chair Aluminium  
Association



**Vyacheslav  
Kovalev**

President of «Technocom»



**Anton  
Nadtochiy**

Head of «Atrium» studio



**Vladimir  
Plotkin**

Chief Architect TPO  
«Rezerv»



**Alexander  
Skokan**

Director  
«Ostozhenka» studio



**Georgy  
Solopov**

Vice-President  
Union of Architects of Russia,  
director of «Teatroyekt» LLC

An abstract, dark grey, metallic-looking sculpture composed of several interconnected, angular, and curved forms. The sculpture is set against a light blue-grey background. A large, solid red diagonal shape cuts across the lower right portion of the image, creating a strong contrast. The text 'design competition' is overlaid in white, bold, sans-serif font on the red area.

**design  
competition**

# Competition

## «Aluminium Design 2021»

**The competition will be held in the AlumForum for the first time.**

The competition for the best aluminium item assesses a design solution in developing a harmonious, functional and expressive form of an object.

**Targets of the competition:**

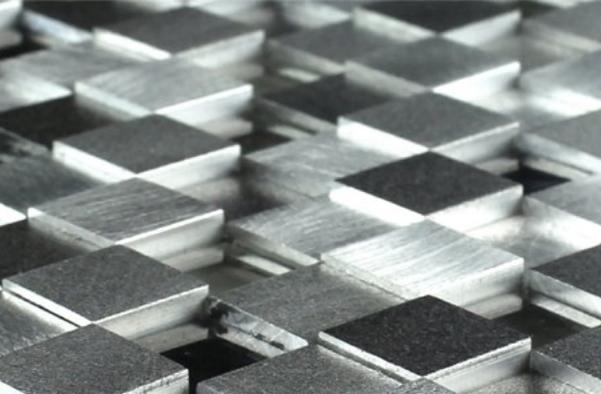
- Engage designers and young specialists in work with aluminium;
- Demonstrate the extensive application of aluminium in industrial, interior and environmental design;
- Develop competences related to the application of aluminium in industrial, interior and environmental design.

Designers, architects, artists, design-engineers, architect and design bureaus, specialists in the aluminium industry, university and college students are invited to take part in the Contest.

**The Realized and Unrealized sectors of the Contest will be presented in the following categories: furniture items, lamps, interior elements, objets d'art, amenities and hardscape in the urban environment.**

**Awards**

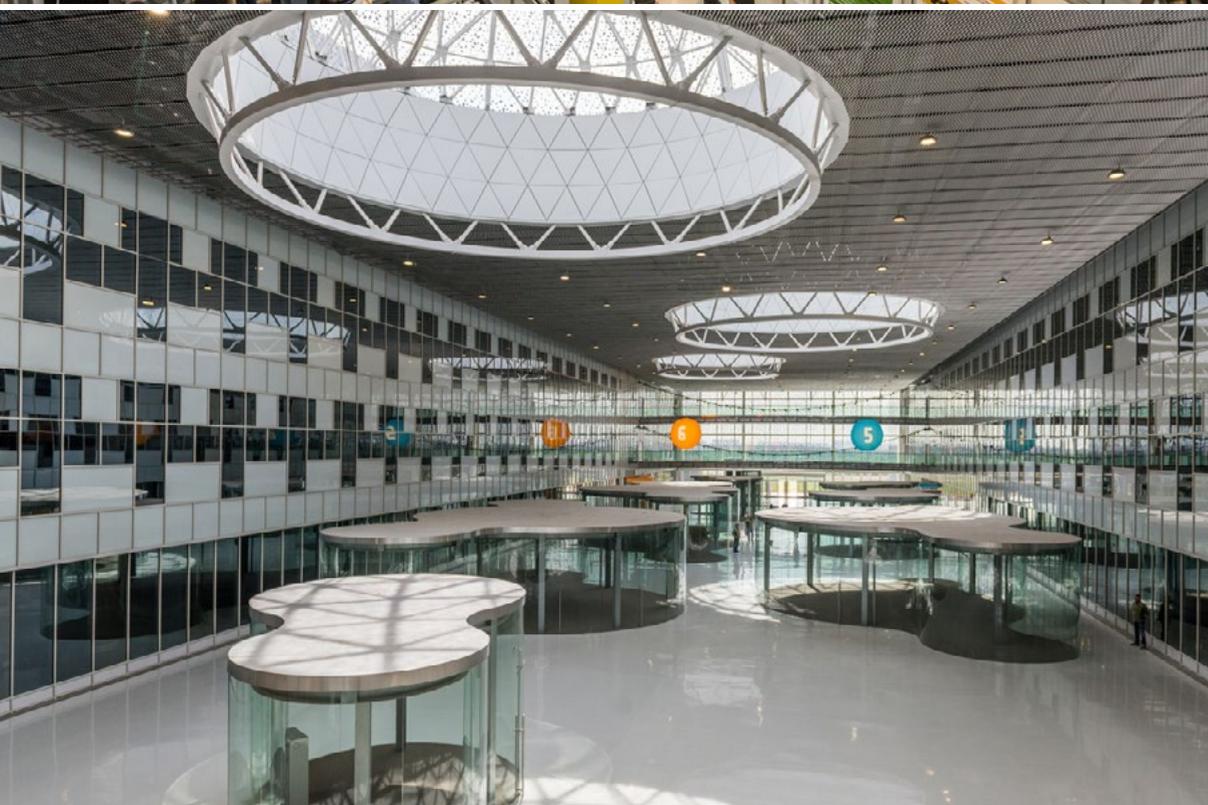
Grand Prix for the best design project and a valuable gift;  
Certificates for the best design project in every category within the IMPLEMENTATION and DESIGN sections and special awards from the Aluminium Association.





venue





AlumForum

# Guided Tours

During the Forum, there will be guided tours to the buildings of the Skolkovo Innovation Center designed by the world's leading architects:

## **Hypercube and Matrex**

Boris Bernasconi

## **Amaltea Business-center**

Valode & Pistré

## **Skoltech University.**

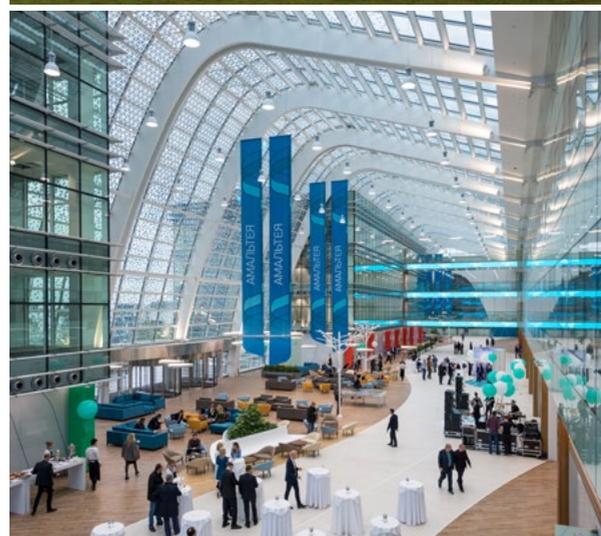
## **Campus of the Skolkovo Institute of Science and Technology**

Herzog & de Meuron (Switzerland)

## **Skolkovo Moscow Management School**

## **Технопарк**

Valode & Pistré



# Access

## Bus

Bus 8183 from Slavyansky bulvar Metro Station



20 minutes



Technopark station



## Train

from Belorusskaya Station



17 or 30 minutes



Innovation center station

## Car

### Parking "Technopark"

Entrance from Mozhayskoe highway. 5 minutes walk to the Technopark.

### Skolkovskaya parking

Entrance from Skolkovo highway. Regular shuttle bus: minibuses No. 1, 2, 3, 4 to the Technopark (5 minutes).

### Amalthea parking

Check in from the Minsk highway. Amalthea Business Center is connected to the Technopark by an indoor gallery.

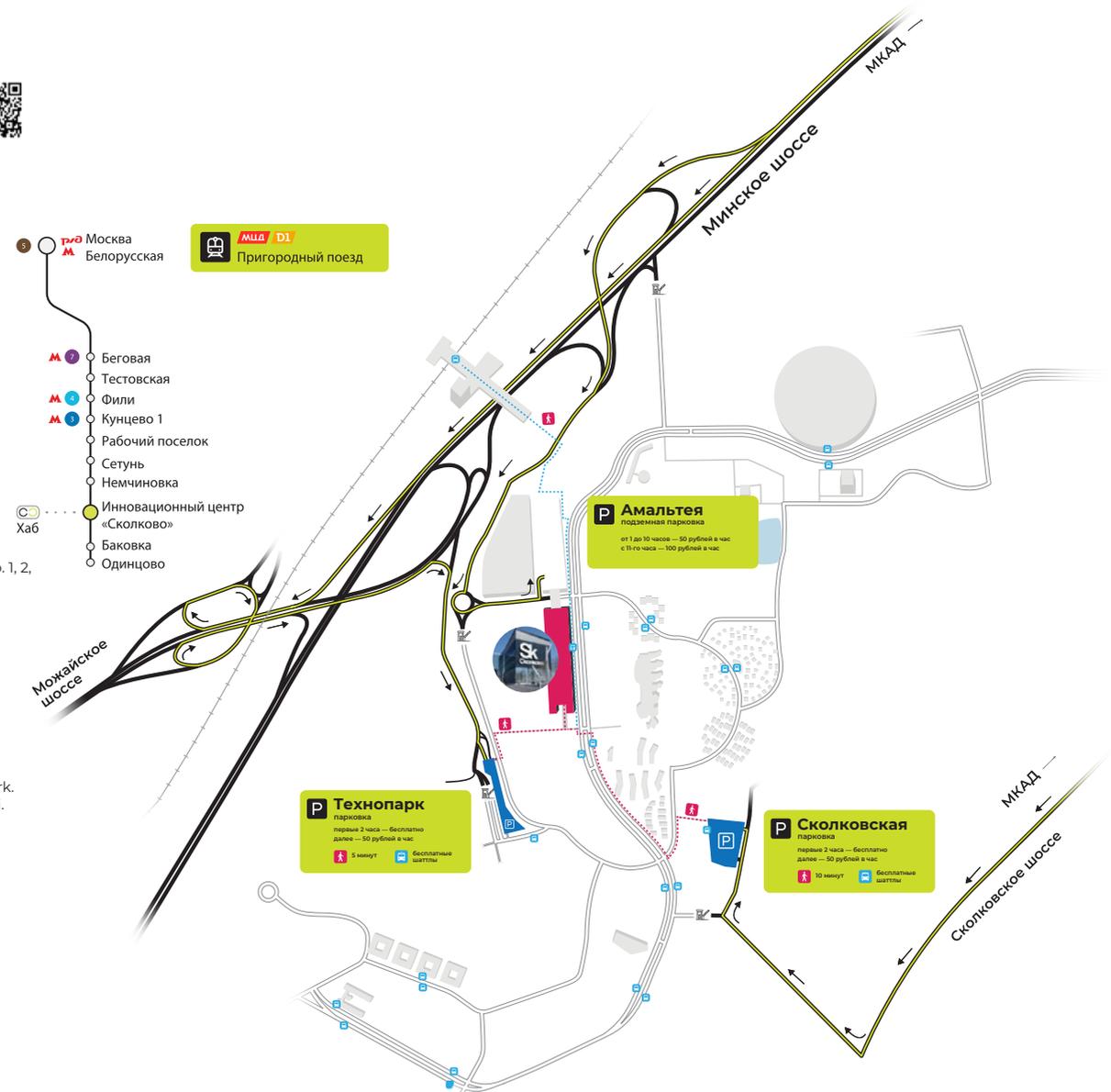
## Taxi

Yandex.Taxi, Uber and CityMobile cars will take you to the Technopark. A pass to the territory is ordered automatically when you order a taxi.

## Car Sharing

In the Skolkovo Center You can find Belkacar and YouDrive cars.

Parking zone for BelkaCar car-sharing cars is Technopark-2 parking. You can finish / start a car-sharing ride at the Skolkovskaya and Technopark parking lots.



# alumforum.ru

info@alumforum.ru

+7 495 691-86-60