

The Ministry of Science and Technological Development of Serbia, headed by Minister, Božidar Djelić, has launched an initiative for the realization of a science park and center for the promotion of science in New Belgrade urban Block 29, until September 2012. For this purpose, the construction of a modern, interactive center has been planned where children, pupils, students, citizens, teachers, scientists, and tourists will have an opportunity to get acquainted with current topics in the domain of science. The Center will also perform its activities all over Serbia.

The Competition has been conducted by the Association of Belgrade Architects and the Union of Serbian Architects in cooperation with the International Union of Architects (UIA).

## **REPORT**

### **On the Work of the International Competition Jury**

For the open, international, anonymous, one stage competition for architectural concept of a new building of the Center for the Promotion of Science and conceptual plan of development of the Campus of Science and Art in New Belgrade urban Block 39, Republic of Serbia, out of 352 registered participants, 232 entries were received by the specified deadline (1 December 2010). The entries were sent either by courier mail or delivered by hand in the premises of the Association of Belgrade Architects. The entries were submitted by contestants from 40 various countries.

Receipt of entries, opening of entries, work of rapporteurs, as well as other technical jobs have taken place in the premises of the Association of Belgrade Architects (DAB), Belgrade, Kneza Miloša 7/III, and also in a room rented for the needs of the Competition, on the same floor next to the premises of the Association of Belgrade Architects, and under constant supervision of the Technical Secretariat and building security service.

The Technical Secretariat has opened all entries received, replaced author's codes with working codes, distributed 232 written explanations of the contestants per prepared boxes for members and deputy members of the Jury.

Rapporteurs team: Marjana Strugar, BSc(Arch), Ilja Mikitišin, BSc(Arch), Ivan Lalić, BSc(Arch), and Tijana Peruničić, BSc(Spatial Planning), worked in the period 2-11 December 2010 analyzing every entry in detail and, with prior consent of the Jury given via e-mail (work method of rapporteurs), made a report for each submitted entry, which was presented to the Jury on a single sheet of A3 paper and contained reduced graphic presentations, as well as brief textual descriptions. Black-and-white graphic drawings included urban concepts for the Block 39, as well as schemes of architectural concept for the Center for the Promotion of Science.

Due to a great number of submitted entries and diversity of their interpretation, it was not possible to establish a uniform criterion for a program analysis of the proposed concepts. Precisely out of this reason, the rapporteurs team prepared for the Jury a brief textual

description for each entry, which contained main ideas, principles and presentations that were applied to each submitted concept. These descriptions contained both urban planning principles for the Block 39 and architectural concepts for the Center for the Promotion of Science.

Nine copies of Rapporteurs Report for 232 entries on A3 papers + rapporteurs introductory text were bound and submitted to each of the Jury's members and deputy members. One copy of a complete material together with the Rapporteurs Report has been filed in the Association of Belgrade Architects.

The complete material for Jury's members and deputy members was ready on 12 December 2010 and distributed per boxes for each of the Jury's members and deputy members.

The complete material with 232 entries was then transferred to 24<sup>th</sup> floor of the Ušće Palace in New Belgrade where competition entries were distributed per tables so that Jury could work, review and decide on them undisturbed.

The first meeting of the Jury of the open, international, and anonymous, one stage competition for the new building of the Center for the Promotion of Science and conceptual plan for development of the Campus of Science and Art in New Belgrade urban Block 39, Republic of Serbia, was held on 13.12.2010.

On 13.12.2010 at 14:30, the foreign Jury's members were met in the Holiday Inn Hotel by organizers of the Competition, President of the Association of Belgrade Architects, Architect Ivan Rašković and representatives of the Ministry of Science and Technological Development of Serbia, Darko Đukić, Director of the Center for the Promotion of Science, as well as representatives of Technical Secretariat for the Block 39: Ana Glavički, Secretary of the Association of Belgrade Architects, and Ksenija Smoljanić, Leader of the Team within the Association of Belgrade Architects for Block 39.

After getting acquainted with each other, the Jury members got by mini-bus to the location of the subject Competition (Block 39, New Belgrade) where they got acquainted with main characteristics of the Block and its surroundings.

The first meeting – 13.12.2010, Ušće Palace, 24th Floor, 4:30 pm

The present Jury members: Mr. Božidar Đelić, Minister of Science and Technological Development of the Republic of Serbia; Mr. Darko Đukić, Advisor to Minister, Director of the Project Implementation Unit; Dejan Vasović, City Architect of Belgrade, Serbia; Jovan Mitrović, President of the Union of Serbian Architects; Roberto Simon, Brazil; Dorte Mandrup, Denmark; Gunter Katherl, Austria; Ourania Kloutisinoti, Grece, and the Jury deputy members: Nicholas de Moncheaux, USA; Miomir Korać, Serbia – justifiably absent; Aleksandra Drecun, Director of the Center for the Promotion of Science; Technical Secretariat of the Block 39: Ana Glavički and Ksenija Smoljanić.

- Introductory speech – Mr. Božidar Đelić, Vice-President of Serbian Government and Minister of Science and Technological Development;
- The number of present members and deputy members of the Jury was ten determined;
- The competition material, rapporteurs report and textual descriptions of entries were distributed to the Jury members and deputy members by the Competition Technical Secretariat;
- Jury President, Architect Jovan Mitrović, Serbia, was elected unanimously, as well as Deputy President of the Jury – Architect Dorte Mandrup from Denmark;
- Agreement on and plan of Jury's work for following days;
- Afterwards, each of the Jury members reviewed the entries. The Jury's work ended at 9:00 p.m.

14.12.2010, Ušće Palace, 24th Floor, 09:00 a.m.

11:00 a.m. – Ušće Palace, 25th Floor – Press conference was held with the present members of the Jury.

- The Jury, in full force, analyzed competition entries both individually and plenary. After each round, each member of the Jury explained to other Jury members his/her reasons for having excluded the entry or for having decided to proceed it to the next round. The Jury then decided by voting on whether the entry would remain in competition or would be excluded.

12:00 a.m. First round of voting (Table enclosed)

5:00 p.m. Second round of voting (Table enclosed)

8:00 p.m. Third round of voting (Table enclosed)

15.12.2010, Ušće Palace, 24th Floor, 09:00 a.m.

- The Jury, in full force, analyzed competition entries both individually and plenary. After each round, each member of the Jury explained to other Jury members his/her reasons for having excluded the entry or for having decided to proceed it to the next round. The Jury decided by voting on whether the entry would remain in competition or would be excluded.

09:30 a.m. Fourth round of voting (Table enclosed)

2:00 p.m. Fifth round of voting (Table enclosed)

6:00 p.m. Sixth round of voting (Table enclosed)

16.12.2010, Ušće Palace, 24th floor, 09:00 a.m.

- The Jury, in full force, discussed plenary about the eleven entries that remained from the sixth round of voting, and it was concluded that each member of the Jury should vote for prizes.

First prize – unanimously awarded to the entry with working code 103, in the amount of 60,000.00 euros

Second Prize – 6:1 awarded to the entry with working code 197, in the amount of 20,000.00 euros

Third prize – 4:3 awarded to the entry with working code 94, in the amount of 10,000.00 euros

Then, due to exceptional quality of entries, the Jury decided to award, instead of two honorable mentions, three equal honorable mentions in the amount of 4,000.00 euros each.

Unanimously: Working code 10, 84, 145.

The Jury also decided to commend (without giving prize money) the entries with the following codes: 40, 42, 46, 66, 96, 160.

Afterwards, the author's envelopes were opened in order to identify the authors.

**First prize was awarded to the entry with working code 103 – author's code 110106AA – in the amount of 60.000,00 €**

Authors and co-authors: Wolfgang Tschapelle , ZTGMBH Architekten, Vienna, Austria

**Second prize was awarded to the entry with working code 197 – author's code 120110SF – in the amount of 20,000.00 €**

Authors and co-authors: Sou Fujimoto Architects, Tokyo, Japan

Consultants: Ove Arup Japan Pty. Ltd., Tokyo, Japan

**Third prize was awarded to the entry with working code 94 – author's code 732435PA – in the amount of 10,000.00 €**

Authors and co-authors: ARCVS architectural bureau, Belgrade, Serbia

Branislav Redžić, MSc(Arch), Dragan Ivanović, MSc(Arch), Zoran Milovanović, BSc(Arch), Zoran Đorović, MSc(Arch), Vesna Milojević, MSc(Arch), Boris Husanović, MSc(Arch), Marko Todorović, MSc(Arch), Predrag Stefanović, MSc(Arch)

Structural Consultant: Sreto Kuzmanović, BSc in Civil Engineering

Consultant in Traffic Engineering: Slaviša Milosavljević, BSc in Traffic Engineering

**Three equal honorable mentions were awarded to the following entries:**

**Working code 10 - author's code 050304MS – in the amount of 4,000.00 €**

Authors and co-authors: PESQUERA ULARGUI ARQUITECTOS, S.L.P, Madrid, Spain  
Eduardo Pesquera Gonzalez, Jesus Ulargui Agurruza

Associates: Jorge Sanchez Limon, Judith Sastre Arce, Javier Mosquera Gonzalez Ignacio Espigares Enriquez, Eva Castano Franco

**Working code 84 – author's code 180302PA – in the amount of 4,000.00 €**

Authors and co-authors: Vladimir Lojanica, BSc(Arch), Associate Professor, Belgrade, Serbia

Associates - designers: Sonja Pešterac, BSc(Arch), Marija Ćorluka – Mijović, BSc(Arch), Vladimir Cvejić, BSc(Arch)

Associates: Marija Konstandinidis, MSc(Arch), Nikola Ilić, MSc(Arch)

**Working code 145 – author’s code CL715422 – in the amount of 4,000.00 €**

Authors and co-authors: Durig AG, Zurich, Switzerland

Jean – Pierre Durig, Gian Paolo Ermolli, Jonas Fritschi , Jan Heider, Flurina Hilpertshauser Roland Deiner (Caretta Weidmann)

Commendations awarded by the Jury (without giving prize money):

- Working code 40 – author’s code 112358XX

Authors and co-authors: (Arch) Alberto Francini, Team Leader and author, Milan, Italy

Architect Marijana Radović, co-author, Belgrade, Serbia

Eng. Gianmichele Melis, co-author, London, UK

Eng. Federico Parolotto, co-author, Milan, Italy

- Working code 42 – author’s code 460288NN

Authors and co-authors: Stefan Rutzinger, Kristina Schinegger, Gunther Weber, Martin Oberascher, Sophie Luger, Johan Tali, Cecilia Sannella, Kathi Doerfler – Vienna, Austria

- Working code 46 – author’s code 728989AF

Authors and co-authors: Arkepolis architects, Paris, France

Joe Kamar, Nataša Urošević

- Working code 66 – author’s code 182710-UB

Authors and co-authors: LAN ARCHITECTURE – Architects, Paris, France

Benoit Jallon

Umberto Napolitano

- Working code 96 – author’s code 100756NT

Authors and co-authors: A69 – architects Ltd., Prague, Czech Republic

Boris Redchenkov, Prokop Tomashek, Jaroslav Wertig, Dragan Bekic, Michal Nohejl

- Working code 160 – author’s code 483006SS

Authors and co-authors: Jaime Parramon Alagarda, Barcelona, Spain

After having opened the author’s envelopes, the Jury continued its work writing explanations for winning entries and honorable mention winners which receive prize money.

The work of the Jury ended at 9:00 p.m.

17.12.2010, Ušće Palace, 24.th Floor, 10:00 a.m.

The results of Jury’s work and names of the winners of prizes, honorable mentions and commended works, together with a brief report on the Jury’s work, number of contestants and submitted entries, were announced at the press conference organized by the Ministry of Science and Technological Development of the Republic of Serbia, headed by Minister Božidar Đelić.

Each Jury member was briefly interviewed about winning works and about their impressions.

The press conference ended at 12:00 a.m. after which the international members of the Jury departed for their countries.

U Belgrade, 17 December 2010

COMPETITION JURY:

Jovan Mitrović, BSc(Arch),  
Jury President, m.p.

Secretary of the Jury:

Ana Glavički, m.p.

### **Jury Report on Awarded Works (Placed finishers and Honourable Mentions with Awards).**

#### **First prize – Project with working code 103**

The project presents a surprising and intelligent re-interpretation of modern architectural principles, connecting to the 60-year history of New Belgrade as well as pointing to new possibilities in the future.

The project is elevated and detached from the ground, to keep the green landscape for the citizens of New Belgrade; hereby the Centre becomes a modern symbol of science which, without being self-absorbed, is enormously attractive to potential users and visitors. The intelligent transformation and display of the simple form of the center allow both simple, and complex readings. The jury, however, did feel strongly that the elevated strategy used for the center was best left to a single building on the site, and would suggest revision of the otherwise robust urban plan proposed in the entry in this regard.

Within the Center building proposed, the functions in the "black box" exhibit space are well-suited to exhibitions, and are simply situated with easy orientation. While opaque, the form of the museum still presents a sense of its internal activity; this new optimistic sign will certainly arouse interest, curiosity, and engagement on the part of visitors and passers-by.

Functions within the proposed structure are well situated and proportioned, and the circulation to and through the building is exciting and thrilling — from the ground floor until the climax on the roof, where you can finally enjoy a breathtaking view over Belgrade from the science roof garden.

Yet even as the building's form appears radical, the construction is simple, straightforward, well-considered and well-calculated. The Jury has come to the conclusion that this project precisely fits both the requirements, and aspirations, for the proposed institution, as well as for the city—in which it will provide a new, welcome landmark.

#### **Second prize – Project with working code 197**

### The Forest of Science

The forest of science is a very simple and poetic concept consisting of an open plateau in the existing park. The plateau is covered with a slender roof and furnished by several glass patios containing the trees. The forest continues through the building and is reflected repeatedly by glass panels.

The patios create a natural zoning of the plateau, to accommodate a fluid space for different activities of the program. The contact with surrounding park and city seems including as the borders are almost invisible and the Centre is experienced as a continuum of the public park.

### **Third prize – Project with working code 94**

Respecting the strong urban tradition of New Belgrade, this project proposes an education in modern architectural thought.

Using the traditional elements of 20<sup>th</sup> century contemporary urban planning and reminiscent of both Le Corbusier and Mies van der Rohe, the authors propose a clear disposition of internal spaces, and high quality solutions for underground premises to be used for exhibition spaces.

Connections between groups of functions are natural and formed in a balanced system. However, the sheer linear scale of the proposed exhibit space, as well as the lack of a clear public identity for the museum worked against the project's success in fulfilling the competition brief. Nevertheless, the elegance of the proposed design, its construction, ease of development, energy efficiency and sustainability all recommended the project for high ranking.

### **Awarded honorable mentions**

#### **Project with working code 10**

The project suggests a low scale unifying master plan with well defined outer boundaries and pixilated intimate inner “fringe”. The plan seems well worked out and has both flexibility and durability. While the clustered towers of the proposed Center work well as a landmark, the formal and functional limitations posed by the clustered trapezoid are counter-productive for the Center's effective operation.

#### **Project with working code 84**

Project 84 was awarded an honorable mention in particular for its creation of a complex interaction between the Center, the block and the other buildings, thus creating an atmosphere of a science park. This solution proved to be very formally successful, as judged by the Jury, resulting not only in a beautiful and rich campus, but also in a very clear design concept. However, the intense use of glass in the facades, with no obvious consideration of the resulting cost in materials and energy, limited the design's ultimate success.

#### **Project with working code 145**

Here a brave and simple concept—in the very best manner of international modernism—is combined with a contemporary filigree. Pure elements connected in space—such as a flat square and vertical tower of the Centre for the Promotion of Science, as well as rigid

frame of habitat of campus—make a symbiotic system which appears very “organic” although geometrically arranged. The composition as a whole made a strong impression and highly recommended the entry as one of the honorable mentions.