

The BELISSIMA Project



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Overview

- Basic Information

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- Concepts and Goals

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- Concepts and Goals
- Work Packages (WPs)

BELISSIMA

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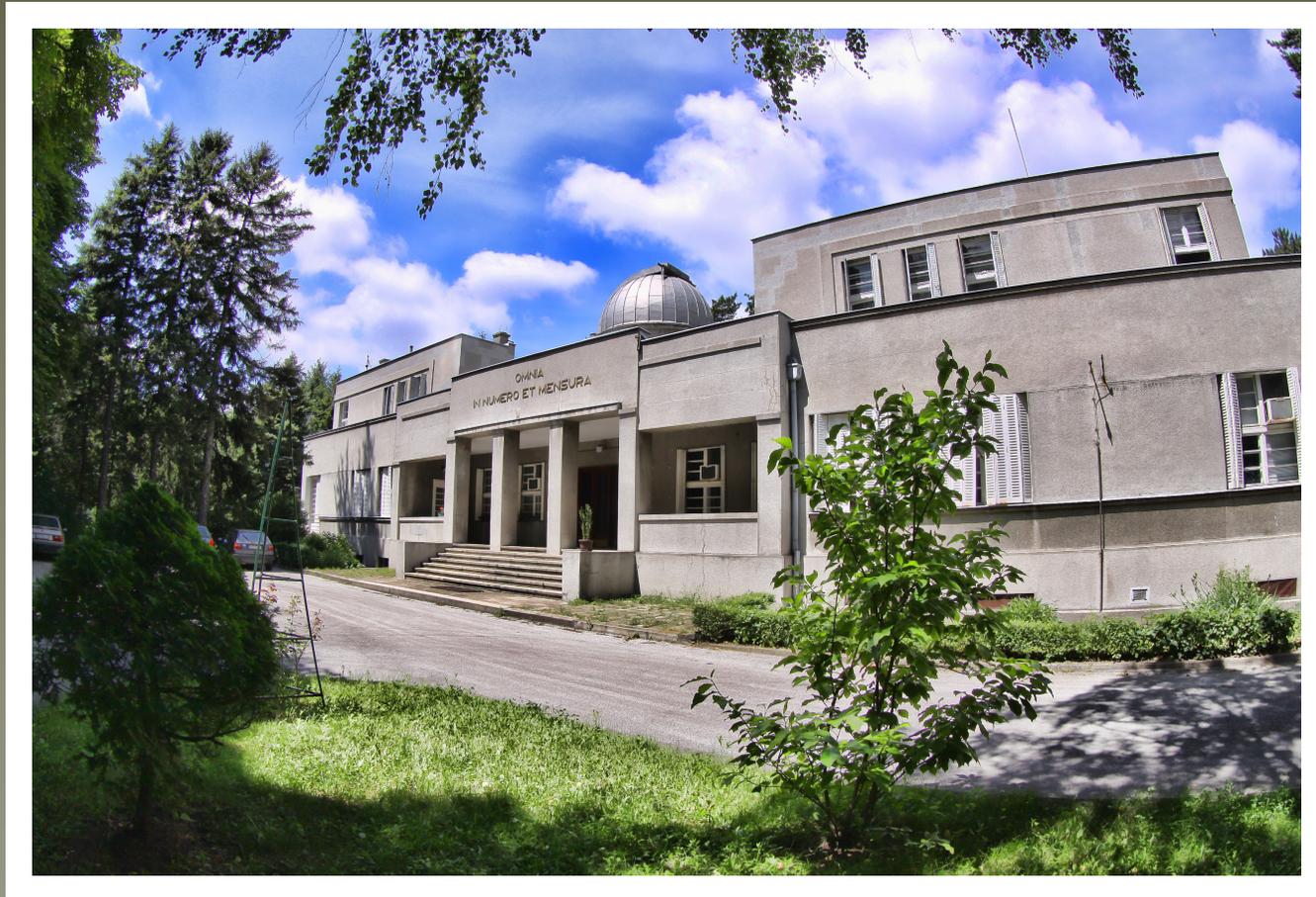
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BELgrade **I**nitiative for **S**pace **S**cience, **I**nstrumentation
and **M**odelling in **A**strophysics

History

- October 15th, 2009:
the proposal of the BELISSIMA project was submitted
(call FP7-REGPOT-2010-5; Coordination and support
actions)

- The project is coordinated by the Astronomical Observatory of Belgrade (AOB).



- The opening of the Exhibition dedicated to its 125th anniversary.



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This is our third (and biggest!) meeting.

- The executive meeting was held in Prokuplje in September 2010.



- The BELISSIMA Workshop was held in Belgrade in October 2011.



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(2) **increasing observational capacities through purchase of a robotic 1.50 m “Milanković” telescope** constructed with state-of-the-art optical and electronic technology to be installed at the mountain Vidojevica observing facility to ensure future cutting-edge research and training;



Dome of the 60 cm telescope at Vidojevica.

(3) multiple longer training visits by the AOB staff to EU observatories and institutes to upgrade skills with using new equipment and forge new research associations, as well as to contribute to the dissemination of the AOB results and improve presentational practices;

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(4) multiple visits of the distinguished EU researchers to the AOB for local training and reinforcing bilateral and multilateral collaborations;

(5) organization of an international conference which will disseminate the AOB research results to EU scientists, and two workshops in order to discuss various aspects of observations with a 1.50 m telescope – one more workshop will be organized;

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(6) collecting observational data based on the observational projects to be defined at the initial stages of BELISSIMA project as soon as the telescope is mounted and preliminary tested;

(7) improving human resources of the AOB by offering permanent positions to recruited researchers who will come to Belgrade in the framework of BELISSIMA project; and

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- (8) expansion of the existing publishing, multimedia and other promotional and popularization activities of the AOB, with the goal of increasing local, regional and European visibility, and in the same time contributing to public understanding of science.

Work Packages

(WP1) *Preparations and reinforcement of the AOB*
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Dr. Milan Bogosavljević (PhD from Caltech) was hired in July 2010 and appointed Head of Executive Project Team.

Dr. Miroslav Mičić (PhD from the Pennsylvania State Univ.) was hired in March 2011 and appointed leader of WP3 of the BELISSIMA project.

(WP2) *Purchase, installation and testing of optical equipment* (**Dr. Ištvan Vince**):

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The tender procedure (led by the Ministry) has started and the offers have been received: the telescope will be a 1.50 m robotic instrument.

(WP3) *Human potential, training and public outreach*
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Numerous visits to various European observatories and institutes were organized: Orliakas Astronomy Station; Dornburg, near Jena; the Baja Observatory; Tenerife and La Palma; Malaga; Garching; Molutai Astronomical Observatory (Lithuania); Potsdam (2 × 3-months stays).

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(WP4) *Dissemination and promotion activities* (**Dr. Milan M. Ćirković**): On November 2010 the only image of the meteor entering the atmosphere of Serbia was recorded;

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(WP5) *Project management* (**Dr. Srdjan Samurović**):

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The project management of the BELISSIMA project was done by the Management board of the project which includes all the leaders of WPs.

Some ideas discussed for observations

- binary stars

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- binary stars
- early-type galaxies

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- binary stars
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- microlensing

Some ideas discussed for observations

- binary stars
- early-type galaxies
- microlensing
- extra-solar planets

WWW:

<http://belissima.aob.rs>

<http://futurescience.aob.rs>

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