

**ANNOUNCEMENT**  
**5<sup>th</sup> Black Sea Biennial**  
**School and Workshop on Space Plasma Physics**

Sofia University Hotel, BG-8183 Kiten, Bulgaria, August 24–September 6, 2014

**Organizers:**

Chairs: Prof. Dr. Ivan Zhelyazkov (e-mail: [izh@phys.uni-sofia.bg](mailto:izh@phys.uni-sofia.bg)),  
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#### Schedule:

**Arriving day: August 24, 2014**

Welcome reception: August 25, 2014

Conference dinner: August 30, 2014

Excursion: August 31, 2014

**Departure day: September 6, 2014**

#### List of invited talks

##### **B. Filippov**

*Geometry of solar coronal rays*

##### **K. Murawski**

*Numerical simulations of MHD waves in the solar atmosphere*

**P. Nenovski**

*On the propagation, transformation and polarization of ULF waves in the Earth's magnetosphere–ionosphere–atmosphere system*

**N. Tomov**

*Investigation of symbiotic stars during active phases*

**S. Assenovski**

*Validation of Cosmic Ray Ionization Model CORIMIA applied for Solar Energetic Particles and Anomalous Cosmic Rays at different altitudes*

**Y. Shopov**

*RGB color photometry of the solar corona from total solar eclipses*

**A. Varonov**

*Solar impact on global land temperature*

**P. Isakova**

*A possible mechanism of the flaring activity in AE Aqr*

**P. Kaygorodov**

*Types of gaseous envelopes of “Hot Jupiter” exoplanets*

**Ts. Georgiev**

*Revealing and photometry of the galactic halos*

**D. Vlaykov**

*Subgrid-scale modeling of highly compressible MHD turbulence: Review*

**D. Vlaykov**

*Subgrid-scale modeling of highly compressible MHD turbulence: EMF closure*

**P. Grete**

*Subgrid-scale modeling of highly compressible MHD turbulence: momentum closure*

**L. Volpes**

*Determining CME-driven shock parameters from remote sensing observation*

**K. Georgieva**

*Flux-transport solar dynamo*

**S. Mladenov**

*Heating of the solar corona by Alfvén waves – self-induced opacity*

**Y. Maneva**

*Dimensionality effects of the solar wind expansion on the evolution of relative drifts – a simulation study*

**I. Zhelyazkov**

*Kelvin–Helmholtz instability in coronal mass ejections and Ha surges*

**Y. Maneva**

*Wave-based modeling of solar wind data – theory and observations*

**S. Poedts**

*Self-consistent models for the evolution of slow coronal mass ejections up to 1 AU*

**Z. Dimitrov**

*Effective viscosity of magnetized shear flows – asymptotic solution for large Reynolds numbers*

**A. Zhilkin**

*A study of higher order white dwarf magnetic fields in asynchronous polars*

**A. Fateeva**

*A numerical model for the formation and long-term evolution of protostars and protostellar disks*

**List of Registered Participants:**

All registered participants have reservations at the conference venue Sofia University Hotel, BG-8183 Kiten, Bulgaria, from Aug 24 to Sep 6

1. Zlatan Dimitrov, Sofia University, Bulgaria
2. Todor Mishonov, Sofia University, Bulgaria
3. Ivan Zhelyazkov, Sofia University, Bulgaria

This Forum is intended to bring together leading researchers in space plasma physics to discuss recent advances in the field. The Forum is also expected to provide the MSc students enrolled in the new Space Physics programme at Sofia University broader exposure to this modern science. All lectures and research seminars will be uploaded on the conference web-page and selected contributed talks will be published in *AIP Conference Proceedings*. To see the previous proceedings, visit

<http://sp.phys.uni-sofia.bg/Kiten06>

<http://proceedings.aip.org/proceedings/confproceed/1121.jsp>

<http://proceedings.aip.org/proceedings/confproceed/1356.jsp>

<http://proceedings.aip.org/proceedings/confproceed/1551.jsp>

**Conference Fee: €500 and €400 for an accompanying person**

**The Conference fee includes: full board (accommodation and 3 meals per day), two coffee-breaks, welcome party, conference dinner and excursion.**

**UniCredit Bulbank**

**Sveta Nedelya Branch**

**7 Sveta Nedelya Sq**

**BG-1000 Sofia, Bulgaria**

**BIC (SWIFT) code: UNCRBGSF**

**Accounts for participation fee and sponsorship support:**

**BGN IBAN: BG92 UNCR 7000 1502 3701 10**

**Beneficiary: Sv. Sedmochislenitsi-08 Foundation (Conference co-sponsor)**

**Beneficiary Address: 31 Neofit Rilsky Street, 33 Ap.**

**BG-1000 Sofia, Bulgaria**

## Participation fee/Donation for Kiten-2014

**For transfers from the USA one can use the following correspondent banks:  
City Bank, American Express, Bank of New York, Bank of America**

**Last revision: July 27, 2014**

**The current version of this Announcement is uploaded on:**

<http://phys.uni-sofia.bg/~tmishonov/BlackSeaForum-14.pdf>

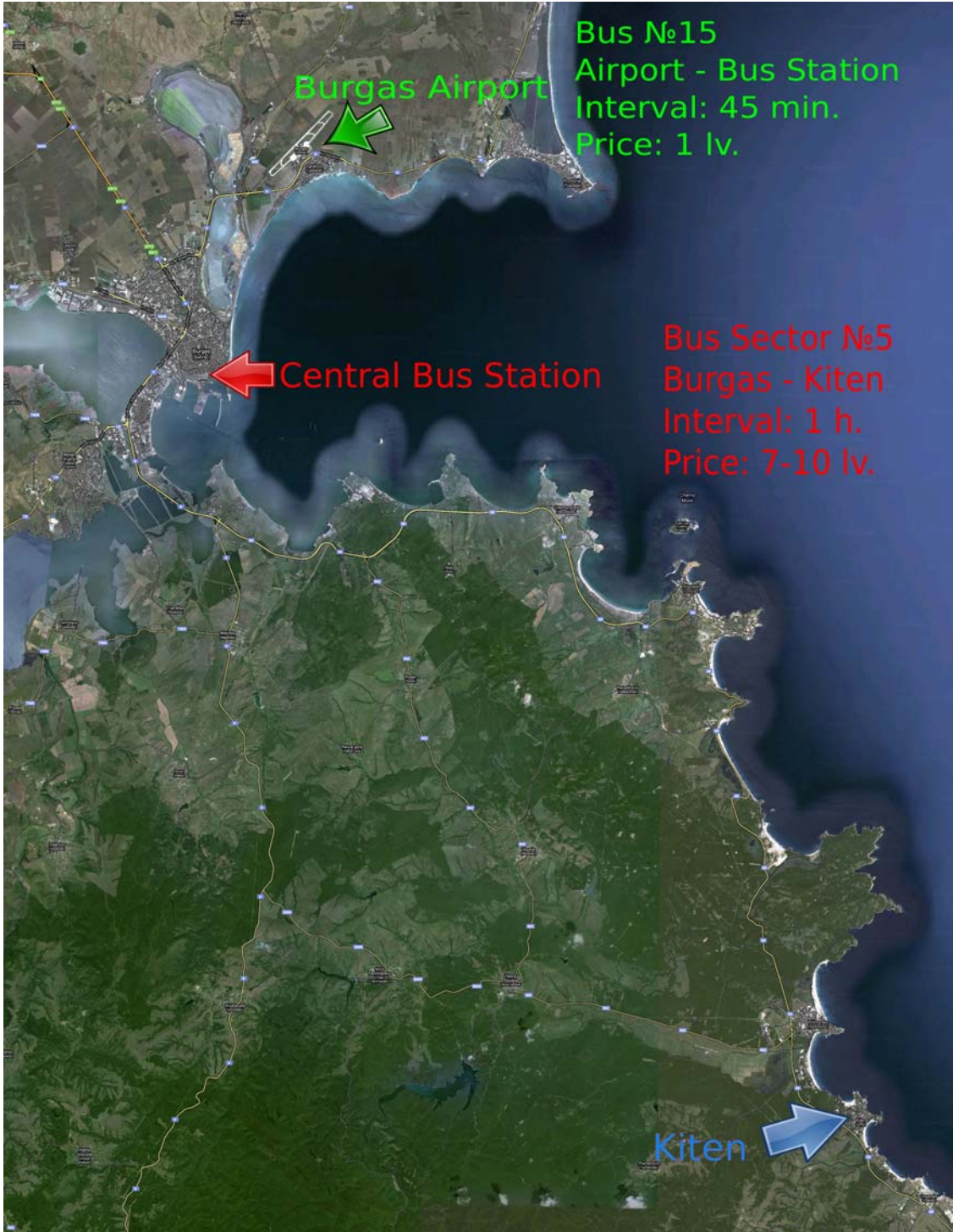
<http://sp.phys.uni-sofia.bg/Kiten14/BlackSeaForum-14.pdf>

## How to reach Kiten Conference venue?

The usual way of arriving at Kiten from Bourgas Airport is the following: from the Airport take bus No 15 (see the map on the next page) to the last stop, notably the Bourgas Central Bus Station, known also as Bourgas South. There, from Bus Sector No 5 take a bus to Tsarevo which passes Kiten. To reach from the Kiten Bus Station the Conference venue (Sofia University Hotel) visit <http://ikiten.net/kiten-map> which advises you to go along Strandzha (Странджа) Street up to 200 m and make a right turn to Atliman (Атлиман) Street. In the middle of that street, roughly after another distance of 150 m, on the left side there is an entrance to the Sofia University Hotel – there you will see a 14-storey building. If you have any troubles, call Todor: +359 886 331 693.

**Important advice:** For currency change use only banks (for instance near Bourgas Central Bus Station – see the corresponding map; or in Kiten). At the Airport change a small amount of money (20 euros or \$ 25) – you need 2 leva (leva) from Airport to Bourgas Central Bus Station and 10–15 leva (lv) from Bourgas to Kiten. The tickets for the two trips are sold by the ticket-collectors in the buses.

**Bourgas–Kiten Bus Schedule:** 6:30; 7:00; 7:30; 9:30; 10:30; 11:30; 13:30; 14:30; 15:30; 16:00; 17:30; 18:30; 20:00.



Bus №15  
Airport - Bus Station  
Interval: 45 min.  
Price: 1 lv.

Bus Sector №5  
Burgas - Kiten  
Interval: 1 h.  
Price: 7-10 lv.

Burgas Airport

Central Bus Station

Kiten

