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**Prof. Dr. Dr. Habil Slaveyko Gospodinov**  
*University of Architecture, Civil Engineering and Geodesy, Sofia, Bulgaria*

#### General information

1. Name: Slaveyko Gospodinov Gospodinov
2. Date of birth: 31.07. 1958
3. Place of birth: Haskovo
4. Address: Bulgaria, Bankya – 1320, 1 Nikola Obretenov Str.

#### Fields of Research

Geodetic Astronomy, Geodynamics, Physical geodesy, Gravimetry, Basic Geodetic Networks, Precise levelling, Satellite geodesy, Laser Scanning

#### Honours and Memberships

##### **Membership in scientific and professional organizations:**

- **Member** of National Committee for Geodesy and Geophysics since 2009 – Order VI-38/02.10.09 BAS; Order 32-09-38/08.06.15, Order 01-185/27.10.16;
- **Member** of International Association of Geodesy (IAG) № 432 issued on 01.01.2012;
- **Member** of International Federation of Surveyors (FIG), Commission 2 – Professional Education
- **Chair** of National Council of Geodesy Order № ПД-01-47/27.02.2014;
- **Member** of the Board of Geodesy as an expert National Agency Geodesy, Cartography and Cadastre based on Order № ПД-01-47/27.02.2014;
- **Licensed expert** to the National Agency Geodesy, Cartography and Cadastre since 2003 - Certificate of National Agency Geodesy, Cartography and Cadastre competence for cadastral activities Ref. № 464 on the basis of Order 472 / 21.06.2001;
- **Licensed expert** to the Chamber of Engineers in Investment Design, Department of Geodesy Ref. № 01283 on the basis of Decision 75 / 28.01.2011;
- **Member** of Chamber of Engineers of Geodesy Ref. № 0480;
- **Honourable member** of Russian Academy of Astronaut “K.E.Ciolkovski”, Ref.№ПЧ 3096/18.02.2016, Protocol №32 РБП;
- **Valid member** of the International Eurasian Academy of Sciences, Ref.№A 0622/11.03.2016;
- **Doctor Honoris Causa** of the State University of Geodesy and Cartography (MIIGAiK), Moscow, Decision of Scientific Committee of MIIGAiK from 28.04.2017.

#### **Awards**

- **Paul Harris award – two times**
- **Medal “Order of Prometheus”**

### Education and Qualifications

| <b>Institution<br/>[From-To]</b>  | <b>Degree</b> | <b>Specialty</b>   |
|---|---------------|--|
| University of Architecture, Civil Engineering and Geodesy (Former High Institute of Architecture and Civil Engineering), Sofia, Bulgaria (1978 –1986) | Master's      | Geodesy,<br>Photogrammetry and<br>Cartography<br>Diploma A84№ 003295<br>Reg.№23273/25.07.'86 |

| <b>Institution<br/>[From-To]</b>  | <b>Course /<br/>Programme</b>   | <b>Certificate</b>  |
|---|---|---|
| University of Architecture, Civil Engineering and Geodesy, Sofia, Bulgaria (01.04.1987 – 20.03.1990)  | “DOCTOR IN SURVEYING, GEODESY AND APPLIED GEODESY”                        | Diploma from Higher Attestation Commission to the Council of Ministers of the Republic of Bulgaria № 19979 / 04.04.1990 |
| University of Architecture, Civil Engineering and Geodesy, Sofia, Bulgaria (April,1990 – 03.05.1996)  | “ASSISTANT PROFESSOR IN SURVEYING, GEODESY AND APPLIED GEODESY (GEODESY)” | Decision of the Council of the Geodetic Faculty from April, 1990  |
| University of Architecture, Civil Engineering and Geodesy, Sofia, Bulgaria (03.05.1996 – 26.10.2011)  | “ASSOCIATE PROFESSOR IN SURVEYING, GEODESY AND APPLIED GEODESY (GEODESY)” | Diploma from Higher Attestation Commission to the Council of Ministers of the Republic of Bulgaria № 17973 / 03.05.1996 |
| University of Architecture, Civil Engineering and Geodesy, Sofia, Bulgaria (26.10.2011 until present) | “PROFESSOR IN SURVEYING, GEODESY AND APPLIED GEODESY”                     | Order №653/26.10.'11<br>Diploma from UACEG<br>Reg.№ 3 / 10.02.2012  |

**Language skills**

A scale from 1 to 5 (5 – excellent; 1 – basic)

| Language       | Understanding |         | Speaking           |                     | Writing |
|----------------|---------------|---------|--------------------|---------------------|---------|
|                | Listening     | Reading | Spoken interaction | Spoken introduction |         |
| <b>English</b> | 4             | 5       | 5                  | 5                   | 4       |
| Russian        | 5             | 5       | 5                  | 5                   | 5       |
| German         | 4             | 5       | 4                  | 4                   | 5       |

Professional experience

Occupation and position:

- VICE RECTOR of University of Architectures, Civil Engineering and Geodesy
- DEAN of the Faculty of Geodesy, University of Architecture, Civil Engineering and Geodesy, Sofia, Bulgaria
- VICE DEAN of the Faculty of Geodesy, University of Architecture, Civil Engineering and Geodesy, Sofia, Bulgaria
- HEAD of Department of Geodesy

Experience in the professional field as well as experience in management/implementation of infrastructure projects

| Organization   | Period                  | Position                                      | Description  |
|--|-------------------------|---|--|
| University of Architecture, Civil Engineering and Geodesy, Sofia, Bulgaria | 04.04.1987 – 20.03.1990 | <b>Ph.D. in Department Geodesy</b>            | Research and design in the field of Surveying, Geodesy and Applied geodesy           |
| University of Architecture, Civil Engineering and Geodesy, Sofia, Bulgaria | 20.03.1990 – 10.04.1991 | <b>Senior Assistant in Department Geodesy</b> | Research, design and teaching in the field of Surveying, Geodesy and Applied geodesy |
| University of Architecture, Civil Engineering and Geodesy, Sofia, Bulgaria | 10.14.1991 – 22.02.1996 | <b>Chief Assistant in Department Geodesy</b>  | Research, design and teaching in the field of Surveying, Geodesy and Applied geodesy |

| <b>Organization</b>  | <b>Period</b>           | <b>Position</b>  | <b>Description</b>  |
|--|-------------------------|--|---|
| University of Architecture, Civil Engineering and Geodesy, Sofia, Bulgaria | 22.02.1996 – 26.10.2011 | <b>Associate Professor in Department Geodesy</b>                                 | Research, design and teaching in the field of Surveying, Geodesy and Applied geodesy                      |
| University of Architecture, Civil Engineering and Geodesy, Sofia, Bulgaria | 2000 - 2004             | <b>Deputy Dean for Academic Activities of Faculty of Geodesy</b>                 | Research, design, teaching and administrative work in the field of Surveying, Geodesy and Applied geodesy |
| University of Architecture, Civil Engineering and Geodesy, Sofia, Bulgaria | 2004 – 2012             | <b>Dean of Faculty of Geodesy</b>  | Research, design, teaching and administrative work in the field of Surveying, Geodesy and Applied geodesy |
| University of Architecture, Civil Engineering and Geodesy, Sofia, Bulgaria | 26.10.2011 to present   | <b>Professor in Department Geodesy</b>   | Research, design and teaching in the field of Surveying, Geodesy and Applied geodesy                      |
| University of Architecture, Civil Engineering and Geodesy, Sofia, Bulgaria | from 2016 to date       | <b>Vice Rector of University of Architectures, Civil Engineering and Geodesy</b> | Research, design, teaching and administrative work in the field of Surveying, Geodesy and Applied geodesy |

**Teaching activities at university:**

**Lecture courses as a lecturer at the Department of Geodesy on:**

**1. Basic Geodetic Networks**

45 hours - for full-time students 3rd course in MSc Geodesy;

23 hours - for part-time students 3rd course in MSc Geodesy;

**2. Geodetic Astronomy**

30 hours - for full-time students 3rd course in MSc Geodesy;

**3. Geodetic methods in Geodynamics**

30 hours - for full-time students 4th course in MSc Geodesy, specialization Geodesy;

15 hours - for part-time students 5th course in MSc Geodesy, specialization Geodesy;

**4. Gravimetric methods in Geology and Geophysics**

30 hours - for full-time students 4th course in MSc Geodesy, specialization Geodesy;

15 hours - for part-time students 5th course in MSc Geodesy, specialization Geodesy;

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## Research work

### Published textbooks and teaching materials:

1. **Catalogue with coordinates of Earth, Sun, visible places of Polaris and stars for time** , Gospodinov S., Georgiev I., Zdravchev I., Rangelova E., Alexandrov B., 2002, Polygraphic base at UACEG, 143 p.
2. **Catalogue with coordinates of Earth, Sun, visible places of Polaris and stars for time** , Gospodinov S., Georgiev I., Zdravchev I., Peneva E., Alexandrov B., 2003, Polygraphic base at UACEG, 143 p.
3. **Catalogue with coordinates of Earth, Sun, visible places of Polaris and stars for time** , Gospodinov S., Georgiev I., Zdravchev I., Rangelova E., Alexandrov B., 2004, Polygraphic base at UACEG, 143 p.
4. **Geodetic Astronomy**, Gospodinov S., Djorova S., 2011, Military Geographical Service, Sofia, 264 p.
5. **Definition of bloc's determined flat deformation of Earth's crust by measured spatial chords** , Gospodinov, 2011, "Military Geographical Service", 42 p.

### Projects:

#### *1.Scientific/Investigation Projects:*

Participating in projects as a team member or supervisor from 1998 to 2018.

Some Projects:

- **Modernization of National Gravity Network of Republic of Bulgaria** - Investigation and Optimization of the Gravimetric Network of Bulgaria 2008-2010
- **A complex investigation of contemporary geodynamics in South – West Bulgaria**
- **A complex investigation of contemporary geodynamics in the area between Rila mountain and Rodopa mountain.**
- **Investigation of landslide processes in the area of Botanic garden of Bulgarian Academy of Sciences**
- **Geodesy Activities in Bulgaria - National GPS Network Realization of the European Terrestrial Reference Frame ETRS89 in Bulgaria** -- existing points – 219; new points – 123
- **Modernization of National Gravity Network of Republic of Bulgaria** - Gravity remeasurements on 176 points from the National Gravity Network
- **A new technology for precise levelling**
- **Establishing of a National Gravimetric Calibrating Polygon**

#### *2.Another projects:*

More than 70 projects in the area of Road and railway construction, Cadastre, Hydro-technical construction, Geodynamics, Building construction, Infrastructure and Laser Scanning.

**Publications:**

**More than 120 publications in national and international (Germany, Russia, USA, South  
Correa, Turkey, North Macedonia, Austria) editions.**

**Reports and presentations:**

**Presented 27 papers in national and international scientific events.**