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XXXI INTERNATIONAL SYMPOSIUM ON MODERN TECHNOLOGIES, EDUCATION AND PROFESSIONAL PRACTICE IN GEODESY AND RELATED FIELDS

With a special session for young scientists and students

Sofia, November 03 - 05, 2021

PROGRAMME

November 03, 2021 (Wednesday)

HOUR		EVENTS, PRESENTATIONS	ORGANIZER
15:00 - 20:00		Registration	Ivanka Koleva

November 04, 2021 (Thursday)

HOUR	№	№	EVENTS, PRESENTATIONS	REPRESENTER	PRESENT BY
08:00 - 09:00			Registration	Ivanka Koleva	
09:00 - 09:30			Opening of the Symposium	Ivan Kalchev	Live
			Welcome Address by Union of Surveyors and Land Managers in Bulgaria	George Milev	Online
			Welcome Address by Ministry of Regional development and Public works - Agency of Geodesy, Mapping and Cadastre	Violeta Koritarova (BG)	Online
			Welcome Address by Chamber of Engineers in Investment Design	Dimitar Penev (BG)	Online
			Welcome Address by Istanbul Technical University	Bihter Erol (TR)	Online
09:30 - 10:45			Papers and discussions (I) – PLENARY SESSION	Prof. D.Sc. Georgi Valev, Dr. Ivan Kalchev (BG)	
	1	1	Services from the Cadastral Map and the Cadastral Registers for Sofia	Stefan Petrov (BG)	Online
	2	2	Main Variance components in GPS Measurements	Glignorie Perovic (RS)	Online
	3	3	A Review of Progress in Earth Geopotential with Validation Results from Turkey	Muhammed Raşit Çevikalp, Bihter Erol (TR)	Online
	4	4	60 Years' Anniversary of the Journal "Geodesy, Cartography and Land Management"	George Milev (BG)	Online
10:45 - 11:00			Coffee break		
11:00 - 12:30			Papers and discussions (II) – GEODESY	Assoc.Prof. Dr. eng. Kostadin Kostadinov, Dr. eng. Mariyan Markov (BG)	
	5	1	The astronomical-geodetic and teaching activity of General Ivan Valkov (1875 - 1962)	Veneta Kotseva (BG)	Live
	6	2	Topographic surveying works & surveying works in sitting out (or Pointing) with Total Stations, T.S. & Receivers of the Global Navigation Satellite Systems, GNSS	Adib Alkamouh, Mouhsen Ahmad (SI)	Video
	7	3	Advantages and applications of microwave radiolocation systems for remote sensing	Nely Zdravcheva (BG)	Online
	8	4	Applying of Photogrammetry Methods and Artificial Intelligence for Inventory of Scrap in Stomana Industry S.A., Pernik	Ivan Kaltchev, Yavor Mihaylov (BG)	Online
12:30 - 14:00			LUNCH		
			Papers and discussions (III) – GEODESY, EDUCATION	Prof. D.Sc. Andrei Andreev, Assoc. Prof. Dr. Todor Kostadinov (BG)	
14:00 - 15:30	9	1	Education of Photogrammetry and Remote Sensing in University of Forestry	Maria Asenova (BG)	Online
	10	2	GIS Training Challenges During Global Health Crisis	Maria Asenova, Nina Dobrinkova (BG)	Online
	11	3	Applying of Remote Sensing for Mapping of the Burgas Gulf (the Bulgarian Sector of the Black Sea)	Lybomira Trendafilova (BG)	Online
	12	4	Coordinate Reference Systems of the Future in USA	Simeon Kataliev (USA)	Online
	13	5	Quality Analysis of Direct Georeferencing in Aspects of Absolute Accuracy and Precision for UAV-Based Laser Scanning System RIEGL miniVUX-2UAV	Peter Todorov (BG)	Online
15:30 - 16:00			Coffee break		

16:00 - 17:30			Papers and discussions (IV) - PHOTOGRAMMETRY, LASER SCANNING	проф. д-р инж. Пламен Малджански (BG)	
	14	1	Application of LiDAR in Image Classification	Yoana Tsarovska (BG)	Online
	15	2	Shooting of National Sports Academy Stadium with Unmanned Aerial System and Comparison between Some of the Most Frequently Used Softwares	Veselina Gospodinova, Ralica Neycheva (BG)	Online
	16	3	The Role of Technologies for Aerial Laser Scanning and Digital Aerial Photogrammetry in Engineering Investigations	Vladimir Brusilo (RU), Konstantin Torozov (BG)	Live
	17	4	Demonstration of Processing of Data from Aerial Laser Scanning by Software Products AGM PosWorks Web (Retrieving and Calculation of Trajectories) and AGM ScanWorks 5 (Export of Point Cloud File)	Vladimir Brusilo (RU), Konstantin Torozov (BG)	Live
	18	5	Demonstration of 3D PluraView - a Passive 3D Monitor System by Schneider Digital	Iliyan Panchev (BG)	Online

November 05, 2021 (Friday)

HOUR	№	№	EVENTS, PRESENTATIONS	REPRESENTER	PRESENT BY
09:00 - 10:30			Papers and discussions (V) - PHOTOGRAMMETRY, MAPPING AND GIS	Prof. D.Sc. Stanislav Vassilev (BG), Assoc. Prof. Dr. Veneta Kotseva (BG)	
	19	1	Esri GIS for Geodesy	Denitsa Savova-Georgieva (BG)	Video
	20	2	International Standardization in GIS - from the Abstract Model to the Applying Level	Yana Lipiyska, Maria Angelova(BG)	Online
	21	3	Geospatial Point Clouds Produced By UAV's Images And Applied Direct (PPK) Georeferencing Method: Evaluation Of Accuracy For A Test Area In Plana Planina, Bulgaria	Davis Dinkov (BG)	Online
	22		Application of GIS in Underwater Archeology	Borislav Alexandrov, Stilyana Lubenova (BG)	Online
	23	5	Detailed Photogrammetric Survey of Mountain Areas with Complicated Relief Using UAS: Vratsa Balkan Natural Park Case of Study	Davis Dinkov, Atanas Kitev (BG)	Online
10:30 - 11:00			Coffe break		
11:00 - 12:30			Papers and discussions (VI) - CADASTRE, ORGANIZATION AND PROTECTION OF THE TERRITORIES	Prof. Dr. Ilinka Ivanova, Prof.Dr. Boiko Rangelov (BG)	
	24	1	Applying of the Fractal Analysis in Exploration of the Sun System	Boyko Rangelov, Rosen Iliev, Atanas Kisyov (BG)	Online
	25	2	Using of Registered Data of the Level of Black Sea for Investigation of Tzunamy	Liybka Pashova (BG)	Live
	26	3	Surveying Investigations in BAB St Climent Ohridsky in Antarctica and Their Contribution to Tracking Global Climate Change	Borislav Alexandrov, Liubka Pashova (BG)	Online
	27	4	Study of the Behavior of the Rock Massif in a Chamber-Pillar System of Development in Ore Deposits through Mine Surveying Observations	Veselina Gospodinova, Milena Begnovska (BG)	Online
	28	5	Applying The NDRE Index For Investigation of Longos Foresters In Protected Territory "Mouth of Veleka River"	Alexander Yanakiev (BG)	Online
12:30 - 14:00			LUNCH		
			EVENTS, PRESENTATIONS	REPRESENTER	PRESENT BY
14:00 - 15:30			Papers and discussions (VII) - SATELLITE SYSTEMS, REMOTE SENSING	Assoc. Prof. Dr. Denitza Borisova, Prof. Dr. Keranka Vassileva (BG)	
	29	1	Applying Geospatial Analysis for Monitoring the Environment Using Satellite Imagery	Vasil Vasilev (BG)	Online
	30	2	Application of Remote Sensing for Landslide Monitoring	Mila Atanasova, Hristo Nikolov, Ivan Kaltchev (BG)	Live
	31	3	Accuracy and Sources of Errors in RTK Measurements	Nikolay Dimitrov (BG)	Online
	32	4	Spectral Data From Synergetic Remote Sensing System In Optical And Microwave Wavelengths	Doyno Petkov (BG), Denitsa Borisova (BG), Ventzeslav Dimitrov (BG), Hristo Nikolov (BG), Victor Savorskiy (RU), Dmitry Ermakov (RU)	Poster
	33	5	Spectral Characteristics Of Potassium Feldspar And Zeolite	Margarita Goranova, Denitza Borisova (BG)	Poster
15:30 - 16:00			Coffe break		

16:00 - 17:30		SESSION FOR YOUNG SPECIALISTS AND STUDENTS (VIII)		Assist. Prof. Dr. Boyko Kolev (BG), Assoc. Prof. Dr. Ivan Kunchev (BG)	
	34	1	Close-Range Photogrammetry as a Method of Reconstruction of Monuments in Park Environments	Pavlina Milusheva, Kristiyan Hadjisky, Sylvia Filipova (BG)	Online
	35	2	Photorealistic 3D Reconstruction of Architectural Objects Based on Aerial and Terrestrial Images	Ivan Marinsky, Dobromir Filipov (BG)	Online
17:20 - 18:00			General discussion. Resolution. Closing Ceremony.	George Milev, Ivan Kaltchev (BG)	Live

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On November 4, 8:30 o'clock



Присъединете се чрез Zoom

On November 5, 8:30 o'clock



Присъединете се чрез Zoom