# ISPRS International Workshop
## "Photogrammetric and computer vision techniques for video Surveillance, Biometrics and Biomedicine" – PSBB17
## May 15-17, 2017
## Moscow, Russia

Photogrammetric and computer vision methods for dynamic scene analysis, human modelling and recognition, biomedical imaging and diagnostics received large attention in the past years with interesting developments and novel tools, including deep learning and shape analysis. Nowadays interdisciplinary collaborations are the essential point for providing new progress in video surveillance, biometrics and biomedicine.

The 2nd International Workshop "Photogrammetric and computer vision techniques for video surveillance, biometrics and biomedicine" is intended to offer presentations and discussions of novel achievements in photogrammetric researches for surveillance and medicine. The workshop is the second in a raw after the successful edition in 2015. This time the workshop will be organized by ISPRS WG II/5 and WG II/10, the State Research Institute of Aviation System (GosNIIAS, Russia) and the Moscow State University of Geodesy and Cartography (MIIGAiK, Russia). The joint workshop will be held at the Moscow State University of Geodesy and Cartography (MIIGAiK) in Moscow (Russia) on May 15-17, 2017.

We invite to submit original research contributions, as well as demonstrations of successful applications in, but not limited to, the following technical areas:

- motion and change detection from monocular or stereo images sequences
- motion analysis, object detection and tracking for video surveillance, biometrics and biomedicine
- human detection and person (re-)identification in video sequences
- human body 3D modelling, measurement and shape analysis
- human motion 3D capturing and analysis
- human action detection and recognition: gesture recognition, crowds analysis, behavior estimation
- face detection, recognition and 3D modeling
- medical imaging, visualization and systems
- vision-based computer-aided diagnostics
- virtual and augmented reality
- image analysis and photogrammetric applications for biometry and biomedicine
- mathematical morphology, shape analysis, 2D and 3D shape matching
- deep learning for object detection and recognition in video surveillance, biometrics and biomedicine

Important dates:
- Abstract due date: January 15, 2017
- Authors notification: February 15, 2017
- Camera ready paper due date: March 31, 2017

The Program Committee will review all abstract submissions. Abstracts should be around 1000 words (approximately 1-2 pages of single-spaced 12 point font). Authors are encouraged to include figures and diagrams to illustrate the concepts outlined in the abstract. Please download your abstract using workshop website.

The accepted articles, formatted according to the ISPRS template, will be published in the ISPRS International Archives of Photogrammetry, Remote Sensing and Spatial Information Sciences.

Registration

All participants have to register before March 31, 2017. Registration fee is 100 euro, 50 euro for students and PhD students (max 30 years old). The registration procedure will be available on the workshop website from February 15, 2015.

Visa Information

Attendees from certain countries may not require a visa to enter Russia. For more details, please visit the Federal Migration Service website, which will list the point of information within your country.

Letters of Invitation

If you are listed as an author on a paper, or as a participant in the program, and you require an Official Invitation Letter for visa application purposes, please look for the instructions published at the workshop website. NOTE: We recommend that you secure your travel visa before registering for the conference as cancellations after the preregistration cutoff may result in a cancellation fee.

**We are looking forward meeting you in Moscow for another successful edition of the PSBB workshop!**