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The IV International Conference on Information Technology and Nanotechnology

To cite this article: E S Kozlova 2018 *J. Phys.: Conf. Ser.* **1096** 011001

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ITNT Proceedings Preface

Proceedings of the IV International Conference on Information Technology and Nanotechnology (ITNT-2018); 24-27 April 2018, Samara, Russia

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Abstract. The proceedings of the IV International Conference on Information Technology and Nanotechnology contain 206 papers. The topics discussed include computer optics, nanophotonics, image processing, Earth remote sensing, data science, mathematical modeling of physico-technical processes and systems.

The IV International Conference on Information Technology and Nanotechnology (ITNT-2018: http://itnt-conf.org/) was held in Samara, Russia, April 24−27, 2018, at the Samara National Research University and the Image Processing Systems Institute of RAS. The Conference is intended to provide a forum for leading scientists from all over the world to discuss the latest advances in the basic and applied research in the field of Information Technology and Nanotechnology, attract young people to advanced scientific research and share the latest trends in training and research programs for future ITNT specialists.

The scientific forum in Samara brought together more than 420 scientists from more than 45 cities in Russia, Germany, United Kindom, Finland, Switzerland, China, India, Pakistan, Iran, Iraq, Belarus, Moldova, Poland and many others. 127 talks and 280 posters enabled discussion on a wide range of topics including computer optics, nanophotonics, image processing, earth remote sensing, data science, mathematical modeling of physico-technical processes and systems. This issue of the *Journal of Physics: Conference Series* presents the extended versions of the best papers presented on the ITNT-2018 that were peer-reviewed by expert referees through processes administered by the Chairs of the Organising and Programme Committees to the best professional and scientific standard.

We would like to thank all the participants of the ITNT-2018 for excellent presentations and discussions. Separate words of gratitude are addressed to the chairmen of the Program Committee, Organizing Committee, and Editors:

- Prof. Viktor Soifer, Samara National Research University, Samara, Russia;
- Prof. Evgeniy Shakhmatov, the Samara National Research University, Samara, Russia;
- Prof. Sergei Sazhin, University of Brighton, Brighton, United Kingdom;
- Prof. Michail Sobolewski, Polish-Japanese Institute of IT, Warsaw, Poland;
- Prof. Nikolay Kazanskiy, Image Processing Systems Institute, Samara, Russia;
- Prof. Roman Skidanov, Image Processing Systems Institute, Samara, Russia;
- Prof. Vladimir Sobolev, Samara National Research University, Samara, Russia;
- Prof. Vladimir Fursov, Samara National Research University, Samara, Russia;
- Prof. Vladislav Myasnikov, Samara National Research University, Samara, Russia;
- Prof. Alexander Kupriyanov, the Samara National Research University, Samara, Russia.

References

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