Guest Editorial: Selected Papers from ISAAC 2011

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This issue contains selected papers from the 22nd International Symposium on Algorithms and Computation (ISAAC 2011) held in Yokohama, Japan, on December 5–8, 2011. The ISAAC 2011 Program Committee accepted 76 papers among 187 high-quality submissions from 42 countries, after a rigorous review process. Among those accepted papers, the following five papers have been selected in this special issue. They went through the standard refereeing process of Algorithmica before being accepted for publication.

– *Linear-Time Algorithms for Hole-free Rectilinear Proportional Contact Graph Representations* by M. Jawaherul Alam, Therese Biedl, Stefan Felsner, Andreas Gerasch, Michael Kaufmann, and Stephen G. Kobourov.
– *External-Memory Multimaps* by Elaine Angelino, Michael T. Goodrich, Michael Mitzenmacher, and Justin Thaler.
– *The School Bus Problem on Trees* by Adrian Bock, Elyot Grant, Jochen Könemann, and Laura Sanità.
– *Diameter and Broadcast Time of Random Geometric Graphs in Arbitrary Dimensions* by Tobias Friedrich, Thomas Sauerwald, and Alexandre Stauffer.

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– *The Parameterized Complexity of Local Search for TSP, More Refined* by Jiong
  Guo, Sepp Hartung, Rolf Niedermeier, and Ondřej Suchý.

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also thank the referees for their thorough reviews and valuable comments that helped
to improve many aspects of the papers published in this issue.