

Editorial

INTRODUCTION

This edition of IJAC is the second in a series of three anticipated publications on the subject of Smart Geometry. IJAC's editors according to their blind peer review system have selected the papers for the first two publications: editions of IJAC. The third publication will be a synthesis of a number of invited contributions in an attempt to thread together common themes. The series has been inspired by the innovative work in practice and academic research influenced by the Smart Geometry Organization (smartgeometry.org).

For the first two parts of this IJAC publication series, a challenge has been to capture some of the inventive stream of ideas emerging at the annual events within an academic peer reviewed process. Some of the authors have been longstanding participants in Smart Geometry. Others have been involved in parallel independent work.

The papers by Thomsen, van Embden Andres and Martini contribute to the wide ranging development of ideas and techniques that spring from the Smart Geometry well of innovation. The pair of papers by Hudson et al tie together related research developments and practical application in the real world.

This collection of work is recognizable due the devoted efforts of the Smart Geometry organization and its leadership to bring attention to the general subject area. It has benefitted from the support of Bentley Systems that has continued to devote its resources to sponsoring the Smart Geometry annual events and that provided the key technology and expertise that led to the workshop series. Professors Earl Mark and Robert Woodbury share the role of co-Senior Editor on this series.

The high level of innovation, the real world application of advanced technology, and the consummate level of expertise brought to the table at these events is difficult to encapsulate in any publication venue, be it an academic or professional journal. This publication is an effort to put some of this work into a pedagogical and research context, and to examine it within a reflective framework.

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