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## Introduction

The 2018 International conference on Image Video Processing and Artificial Intelligence (IVPAI 2018) was held 15–17 August 2018, in Shanghai, China. It was organized by the Shanghai Advanced Research Institute, Chinese Academy of Sciences, Shanghai (China). IVPAI 2018 brought together innovative academics and industrial experts in the field of image and video processing and artificial intelligence in a common forum.

IVPAI aimed to present a collection of high quality research articles and presentations that addressed broad challenges on both theoretical and application aspects of artificial intelligence in image and video processing. We invited colleagues to contribute original research articles as well as present the latest research outputs that stimulated the continuing efforts on the application of artificial intelligence approaches to solve image and video processing problems.

**Ruidan Su**

