

Preface to the Special Edition of the *Journal of the Japan Society of Colour Material: Proceedings of the 90th JSCM Anniversary Conference*

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The 90th anniversary conference of the Japan Society of Colour Material (JSCM 90) was held at Gakushi Kaikan in Tokyo on October 17 and 18, 2017. The conference consisted of the ceremony celebrating the 90th anniversary of JSCM, oral and poster presentations, the banquet and the presidential dinner for the guests from abroad. In addition, the CSI (Coating Society International) president meeting was held during the conference.

It can be said that JSCM's 90-year history is equal to the trajectory of the development of color materials. We had named this conference "Toward Color Materials in the Next Generation", and the significance of the conference was that researchers and engineers from around the world gave lectures and discussions on the trends of next-generation color materials, thereby contributing to the development of color material technology in the future.

From the various themes in the field of color materials, we set up two organized sessions regarding "nanotechnology" and "sustainable technology" besides the ordinal sessions. Years have passed since nanotechnology became the leading role of research subjects, and the application of that technology has advanced in many industrial fields. However, nanotechnology still has unknown potential, and in order to develop the color materials industry, it is necessary to strengthen cooperation between basic and applied researchers of nanotechnology.

As for sustainable technology, color materials have two impacts on the environment. One is a negative impact that the manufacturing and use of color materials place a burden on the environment. The other is a positive one, for example, improvement of energy efficiency, promotion of environmental purification and development of low-load material. In order to build a sustainable society, it is indispensable to control and develop these two aspects of color material technology.

The number of attendees at the conference was about 160, including the guests from abroad. There were 65 oral and 31 poster presentations at the conference. The conference had been successfully closed.

In order to concretize the outcome of JSCM 90 and spread it widely to the present and next generation of people, we had planned to publish proceedings in the special edition of the *Journal of the Japan Society of Colour Material*. The executive committee of the conference and the editorial committee of the journal called for excellent presenters to submit the contents of their presentations as proceedings. Among them, eight proceedings passed the review process and appeared in this special edition of the journal.

On behalf of the Japan Society of Colour Material, we would like to again deeply thank all persons who contributed to JSCM 90 and express our sincere appreciation to the authors.

We hope that this special edition will be an opportunity for readers to think about the future where color material technology should progress.