1. はじめに

ISME 2017 TOKYO の Opening Ceremony は 2017 年 10 月 16 日（月）9 時半より東京国際交流館プラザ平成において行われた。Opening Ceremony 開始前に平成プラザ玄関前で IMO 事務局長 Kitack Lim 氏をお出迎えし、記念写真を撮影した。図 1 がその際の記念写真である。その後、展示ブースにおいて、ISME 2017 TOKYO 組織委員長賞雅寛而氏、日本マリンエンジニアリング学会会長大松哲也氏および Opening Ceremony のご来賓である IMO 事務局長 Kitack Lim 氏、国土交通省海事局次長大坪新一郎氏、KOSME（韓国マリンエンジニアリング学会）副会長 Jeong-Gil Nam 氏によりテープカットが行われた。その後、組織委員長および来賓はプラザ平成のホールに入場し、Opening Ceremony が行われた。

Opening Ceremony のプログラムは以下の通りである。司会は私、岩本が担当した。

開会の辞：
ISME 2017 TOKYO 組織委員長
賞雅 寛而 氏
（前学会長）

来賓祝辞：
1) IMO 事務局長
   Kitack Lim 氏
2) 国土交通省海事局次長
   大坪 新一郎 氏
3) KOSME（韓国マリンエンジニアリング学会）
   副会長
   Jeong-Gil Nam 氏

司会者より賞雅 寛而 ISME 2017 TOKYO 組織委員長が紹介され、同委員長より開会と挨拶の辞が述べられた。続いて来賓である Kitack Lim 氏、国土交通省海事局次長大坪新一郎氏、KOSME 副会長 Jeong-Gil Nam 氏の順にご挨拶をいただいた。Kitack Lim 氏の挨拶要旨は次の通りである。
「近年世界で注目されている事は環境負荷低減やエネルギー効率、更にはエコノミー効果についてである。マリンエンジニアはそれを実現できる最前線にいる。世界の人々の生活はいつも海上輸送が支えている。IMOを通じて、参加国・市民社会そして産業界は手を携え、海運界はグリーン・エコノミーと持続的成長に向け、継続的、かつ強力に寄与する。」

次に、大坪新一郎氏よりパワーポイントを使用し、ご挨拶があった。挨拶要旨は以下の通りである。

「近年、船舶職員の不足や高齢化など、海事関連分野では厳しい状況にあるが、一方通信システムの発展や自律運航システム、自動監視システム、遠隔修繕システムなどの新技術の研究開発が行なわれており、これらを活用することで、現状の厳しい状況を打破できる可能性がある。今後IMOにより定められるこれらの技術に対する規則はこれら技術の発展を制約するものではなく、逆に規則を戦略的に使用して技術の差別化、新しい設計、製品に対する研究開発を促進するものである。」

次に、KOSME副会長 Jeong-Gil Nam氏よりご挨拶があった。挨拶要旨は以下の通りである。

「我々は第4次産業革命の時代に生活しており、ハイテクナジーにより多くの恩恵を受けている。しかし、これらは同時に地球環境の維持や安全性を維持することを求めている。それゆえ我々には産業の発展だけでなく、世界を改善することについても専門家と意見交換するグローバルな交流が求められている。」

ISME開催に先立ち賞雅組織委員長および来賓からいただいたショートコメントおよびスピーチ全文を以下に示す。

賞雅組織委員会委員長のショートコメントおよびスピーチ全文：

＜ショートコメント＞

“To achieve our goal of contributing to development of the marine engineering industry through exchange of scientific and engineering knowledge, we have here the International Symposium on Marine Engineering (ISME 2017 TOKYO). Chair of this symposium Takamasa will declare the opening and express JIME’s sincere appreciation to all the guests and attendees for their tremendous support to the symposium.”

＜スピーチ全文＞

Distinguished Guests, Ladies and Gentlemen, on behalf of the Japan Institute of Marine Engineering, JIME, and chair of this symposium, I am very grateful for this opportunity to open the International Symposium on Marine Engineering, ISME 2017 TOKYO.

Over the last 50 years, JIME has contributed significantly to scientific and technological development in world shipbuilding and marine industries during this period. This symposium ISME 2017 TOKYO is organized by JIME to advance the development of marine engineering technology and its applications, and also to discuss the future of marine engineering.

In this symposium, we have guests of honor, Mr. Kitack Lim, IMO Secretary-General, Dr. Shinichiro Otsubo, Senior Deputy Director-General, Maritime Bureau of MLIT, Prof. Jeong-Gil Nam, Vice President of KOSME, and Mr. Koichi Fujiwara, Chairman and President of Class NK.

I strongly hope many would participate in this symposium to actively debate on the future of the marine engineering industry. And I believe it will play an active role in the scientific and academic development and also it will make the mutual cooperation and technical exchanges. Let me once again extend a warm welcome to all delegates and express the wish that the presentations and discussions during the symposium may be fruitful for all of us, marine engineering family.

I want to thank Dr. Katsumi Iwamoto, and other staffs for their involvement in managing the symposium. And, finally, I thank you again all the attendees for your support. Thank you for your kind attention.

IMO事務局長 Kitack Lim氏のショートコメントおよびスピーチ全文：

＜ショートコメント＞

“Secretary-General Lim will emphasize the importance of shipping to sustainable development. He will talk about energy-efficiency and IMO's important contribution through regulations supported by technology / implementation projects. Mr. Lim will cover how regulations prompt technology development in various shipping and environment areas, as well as reiterating IMO's strong support for the United Nations Sustainable Development Goals (SDGs).”

＜スピーチ全文＞

Ladies and gentlemen,

I am delighted to be here with you today and I am grateful to the Japan Institute of Marine
Engineering for the opportunity to participate in this important event.

The stated purpose of this Symposium is to advance the development of marine engineering technology and its applications, and to discuss the future of marine engineering. Let me tell you why I think this is so important.

Many people in the maritime world, whether they be regulators, politicians or even shipowners, like to talk about the problems we face. If they are optimistic, they often refer to them as "challenges". But marine engineers tend to be much more focussed on "solutions"; marine engineers prefer to see problems as opportunities. Why is that so important? Because engineering – and, in a broader sense, technology – really does hold the solution to so many of the challenges we currently face.

Today, your specific focus is on marine engineering and technology in the context of the environment, energy efficiency and the economy. Despite already being the greenest, cleanest and most energy-efficient way of carrying cargoes around the world, shipping is under continuous pressure to do even better in the environmental context. At the same time, there is an equally strong pressure from within to cut costs, in order to achieve economic sustainability. Far from seeing these as opposing forces, I believe they present an opportunity to find innovative solutions that can address them both together. I am not an engineer myself, but I can see how developments such as renewable and alternative energy sources, enhanced hull design, improved operational procedures, and better use of digital technology to optimize performance, can both improve environmental performance and cut operating costs at the same time.

As marine engineers, you are in the front line of finding and developing these solutions.

As shipping invests in technology – which it must – you, as engineers, must continue to innovate and develop, ensuring that engineering and technology become the driving forces for a better industry.

You are uniquely placed to take a strong lead in ensuring that cutting-edge technology and design are effectively integrated into everyday ship operations, and that the potential benefits they offer are properly harnessed.

IMO has a crucial role to play in this, both as a catalyst and as a facilitator.

Perhaps most obviously, IMO regulations for shipping provide a tangible focus for innovators and technologists to develop innovative, game-changing technical solutions. In response to IMO regulations, new technologies have already brought significant beneficial changes in the way ships are designed, constructed and operated, contributing to a more interconnected and efficient global supply chain.

But IMO also makes a strong contribution towards international cooperation to facilitate and research development and technology. There are many examples I could mention, but under the specific theme of this Symposium, the Global Maritime Energy Efficiency Partnership, or GloMEEP project, and the GMN project, formally entitled "Capacity Building for Climate Mitigation in the Maritime Shipping Industry" both stand out. If you are not already aware of these – and other projects in which we are involved – I urge you to take a look at the IMO website, I am sure you will find them interesting and useful.

Ladies and gentlemen, it is very easy to fall into the trap of viewing your own work and your own industry purely within its own relatively narrow context. This year, under our World Maritime Day theme of "Connecting Ships, Ports and People", I have been encouraging people in shipping to take a step back and see shipping from a much broader perspective.

One of the most important things to always remember is that billions of people all over the world rely on shipping in their everyday lives – even though they may not realize it. Shipping forms the backbone of world trade, providing a dependable, low-cost means of transport, facilitating commerce and helping create prosperity among nations and peoples. And, by providing improved access to basic materials, goods and products, shipping is expected to help lift millions of people out of poverty.

Shipping is, therefore, an essential component of any program for future sustainable economic growth. But, at the same time, shipping itself needs to be sustainable – and this means shipping activities have to be balanced with the oceans' capacity to remain healthy and diverse in
the long term.

A major part of IMO’s role is to ensure that shipping continues to make its contribution to the global economy without upsetting that delicate balance. National governments all over the world have an obligation to create a regulatory framework that allows that to happen. And they do it through IMO. At IMO, governments turn that obligation into something more tangible. They turn it into a regulatory imperative.

Through IMO, the Organization’s Member States, civil society and the industry itself are working together to ensure that shipping makes a continued and strengthened contribution towards a green economy and sustainable growth.

Ultimately, more efficient shipping will be a major driver towards global stability and sustainable development for the good of all people. And, as I said a few moments ago, technology really does hold the key to a sustainable future.

There is no doubt that this is a fascinating time to be an engineer in shipping. The opportunities afforded by new technology place the industry, potentially, on the brink of a new era.

In the 21st century, more than ever, we rely on technology. Modern technology provides unprecedented opportunities to reduce the chances of human error and, thereby, help enhance maritime safety and reduce casualties. And, if we think of the technologies emerging around fuel and energy use, automation and vessel management, materials and construction, and so many other areas, it is not difficult to envisage new generations of ships that bring step-change improvements in all areas of the industry – and, yes, in economic viability and profitability too.

The marine engineering profession has a vital part to play if these goals are to be achieved – and so I wish you every success for this forthcoming Symposium, and thank you once again for the opportunity to participate.

Thank you.

KOSME 副会長 Jeong-Gil Nam 氏のショートコメント：
“We are living in the era of 4th Industrial Revolution that has so many benefits from high technologies, but alongside those benefits are challenges of how to keep the earth friendly and safety. Therefore, he would like to thank for providing this ISME2017 11th, and then, talk about some keyword of how we need this globally human resources exchange with similar concerning specialists, same thinking and willing of not only developing the industry but also improving our world.”