

22 March 2016

# KKE to Establish a Program in Endowed Chairs at Institute of Industrial Science, the University of Tokyo

- Mathematical Engineering for Complex Social Systems in the Future -

Kozo Keikaku Engineering Inc. ("KKE", Head office: Nakano-ku, Tokyo; President: Shota Hattori) established a program called "Mathematical Engineering for Complex Social Systems in the Future" as an endowed chair at the Institute of Industrial Science, the University of Tokyo, in February 2016. An overview of the program is explained below.

#### (1) Period:

From 1 February 2016 until 31 March 2020 (four years and two months)

### (2) Research objectives:

To promote basic research in mathematical engineering in order for it to serve as a foundation when solving the challenges of complex social systems in the future. Also, to conduct applied research in mathematical engineering in order to solve various complex problems that are of high public interest, under the perspectives of KKE's seven business themes for mid-to-long term development, namely, "Designing a safe and secure society", "Realization of and maintaining sustainable society", "Policy evaluation and institutional design for the future", "Revitalization of the economy and industry, business creation", "Innovation in the energy market", "Initiatives in a wireless society", and "Contribution to the socially weak".

An Endowed Chair: Mathematical Engineering for Complex Social Systems in the Future (Institute of Industrial Science, the University of Tokyo and KKE) The Complex Social Systems **Mathematical Engineering** Mathematical Engineering for in the Future Complex Social Systems in the Future "Designing a safe and secure society" Mathematical Modelling "Realization of and maintaining of Complex Systems sustainable society" "Policy evaluation and institutional Complex systems, chaos, dynamics design for the future" statistics, complex networks, "Revitalization of the economy and control theory, time series analysis industry, business creation" machine learning "Innovation in the energy market" "Initiatives in a wireless society" Architectural engineering for Contribution to the socially weak Project Management Science Applied research Solve a variety of complex problems that are of high public interest by using mathematical engineering

KKE advocates "Innovating for a Wise Future" as a *Thought*, a future vision and direction to be sought together with society. As a Professional Design design & Engineering Firm that acts as a bridge between the academic and business worlds, KKE strives to solve various issues and challenges that society faces, utilizing its engineering expertise acquired through knowledge exchanges in diverse fields. KKE will thus contribute to creating a wiser and better society.

# **NEWS RELEASE**



# ■ About KKE (http://www.kke.co.jp/en)

Name: Kozo Keikaku Engineering Inc.

Established on May 6, 1959

Headquarters: 4-38-13 Honcho, Nakano-ku, Tokyo, Japan

President: Shota Hattori

Business: Engineering consulting, Software/system development and support

#### For further information

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