



## Beyond Sustainable Architecture and Smart City: Re-Humanization of Urban Spaces

**July 8<sup>th</sup>, Saturday**

**1:00pm** Welcome by Antonio Gil de Carrasco (former President of EUNIC Japan until April 2017, Director of Instituto Cervantes in Tokyo), and Japanese partners: Prof. Taku Sakaushi, (Tokyo University of Science) and Hiroto Kobayashi (Keio University).



**1:15pm** Keynote speech by **Fumihiko Maki**

**Fumihiko Maki** was born in Tokyo, 1928. He studied and taught at the University of Tokyo and Graduate School of Design Harvard University. Established Maki and Associates in Tokyo, 1965. Representative projects include Hillside Terrace and Spiral, Tokyo. Kazenooka Crematorium, Nakatsu. 4WTC. New York, MIT. Media Lab. Boston, Aga Khan Museum. Toronto, Media Corp. Singapore, The Bihar Museum. Patna, Isar Buro Park. Munich.

*Awards:* The Pritzker prize. UIA and AIA Gold Medal and Wolf prize.  
*Publications:* Metabolism / 1960. The Investigations in Collective Form, Washington University, 1964. Nurturing Dreams, 2008, MIT Press.

## Sessions Themes

**2:00 – 3:20pm**

### **[1] Economy: Redefining various value systems that both produce and consume growth, developments, and culture.**

Growth of the city, redevelopment, revitalization and economic effect are to be discussed in the field of 'Economy.' Especially in the case of Tokyo, 2020 Olympic Games in Japan will bring big impact on the daily lives and future plans for people. While we recognize the necessity of large-scale developments in all guises, we must scrutinize if humanity is really benefiting from such machinations. Are they sheer representation of economic prowess or are they materialization of actual human needs? Can these giant developments undergo reconciliation with our daily lives?

Human life has become increasingly complex but simultaneously compact, and as such, these developments have an imperative to adapt themselves into new forms for engagement. There is an opportune chance here for us to construct a new value system that transcends the entrenched, conventional valuation of economics.

**Participants:** Michael Brzezinski (Poland), Lionel Devlieger (Belgium), Osamu Okamura (Czech Republic), Masayoshi Takeuchi (Japan). **Moderator:** Taku Sakaushi (Japan).

**Michal Brzezinski** is an architect and an integral part of the Marciniak & Witaszak Architects team, a leading company in the field of historic preservation architecture in Lodz, Poland. In his



work Mr. Brzezinski focuses on large-scale architectural design and urban planning. For the past twelve years, he has been involved in the execution of many projects ranging from the adaptive re-use of multiple historic structures to contemporary architectural design. He focuses on issues of preservation architecture, particularly with reusing and adapting historic structures to meet modern needs and incorporating sustainable design solutions in a way that respect the

historic fabric of an existing building. In his years of professional experience, he has gained expertise in planning and overseeing the restoration of historic buildings, as well as the design of new structures within historic contexts. He has taken part in the Marciniak & Witaszak Architects' most significant projects, including „At Scheiblers” loft complex, an award-winning project involving the restoration of the 19th-century former Scheibler's textile factory in Lodz. Mr. Brzezinski received his Master's degree with honors in Architecture and Urban Planning from Lodz University of Technology in 2004. Additionally, he has participated in the World and European Fencing Championships in sabre and was a medalist of the Polish Fencing Championship. He is as well a long-time member of the Board of Lodz Fencing Federation.

MARCINIAK & WITASZAK ARCHITECTS, a leading company in the field of historic preservation architecture for the past twenty years. Marciniak & Witaszak team of architects, have extensive experience in applying new design and preservation technologies to landmarks and other historically significant buildings. They have conducted award-winning adaptation and modernization projects of historic structures such as: adaptation of the old fire station of Karol Scheibler' s textile factory in Lodz (1st prize in the “Best Redevelopment of the Year 2000” ); ”

Manufaktura” - commercial center in the 19th-century former Poznanski factory complex, collaborating works on the building project with SUD-ARCHITECTS; “At Scheibler’s” loft complex in the 19th-century former Scheibler's textile factory in Lodz (one of the winners of the Europe & Africa Property Awards 2010 in London as the best revitalization in Poland).

**Lionel Devlieger** (1972, Rwamagana) trained as an architect and engineer in Ghent and Rome. He obtained his PhD in architectural history and theory from Ghent University in 2005. In 2006



he co-founded Rotor vzw with Tristan Boniver and Maarten Gielen, where he now manages research, exhibition and design projects.

Rotor vzw is a multidisciplinary team specialized in material flows and reuse strategies. It fosters the debate on questions related to resources, waste and obsolescence in the building sector through research projects, exhibitions, conferences and publications. On the practical side, Rotor also coordinates large-scale dismantling operations, collaborates to architectural projects and realizes interior and urban design projects. Rotor recently won the Young Maaskant Price 2015 (Amsterdam), the Blueprint Architecture Award 2015 (London), the Global Award for Sustainable Architecture 2015 (Paris/Unesco), and two Henry van de Velde Awards 2016 (Brussels/Flanders DC and OVAM).

Lionel has been teaching at Ghent University (2008-2011), the University of Virginia School of Architecture (2011), the College of Environmental Design UC Berkeley (2011-2012), the Academy of Fine Arts Vienna (2013), the Sandberg Instituut Amsterdam (2015). He is currently visiting professor at the TU Delft Faculty of Architecture and the Built Environment.

**Osamu Okamura** is an Architect and program director of reSITE, international festival and conference on more livable cities. A10 Coop correspondent, lecturer at ARCHIP / Architectural



Institute in Prague. 2014: New Europe 100 outstanding challenger from Central and Eastern Europe - by Res Publica with Google and the Visegrad Fund in cooperation with Financial Times. He lectured at universities and institutes in USA, Japan, Thailand, Turkey, Germany, Austria, Poland, Slovakia, Hungary, Romania, Serbia, Ukraine and Czech Republic. In 2005-2012: Editor-in-Chief of professional architecture magazine ERA21. Since 2013 he is the scientific

supervisor of this publication.

Osamu is the official nominator of European Union Prize for Contemporary Architecture - Mies van der Rohe Award - for the Czech Republic. Member of Board of Directors of Czech Architecture Foundation, member of Commission for Urban Planning, Architecture and Public Space of Prague 7 District Council, official certifier of Register of Artistic Outputs of Czech Universities for the segment of Architecture. Graduate from Faculty of Architecture CTU Prague and Academy of Fine Arts in Prague - conceptual arts. He studied at ENSA Nantes, France. Osamu lives in Prague.



**Masayoshi Takeuchi** was born in Kamakura, Kanagawa, 1962. He studied at Tokyo Institute of Technology, and he teaches at the Tohoku University of Art and Design. He founded MIKAN with 3 more partners in Tokyo, in 1995. Representative projects include NHK Nagano Station, TOYOTA pavilion at expo 2005 in Nagoya, Maarch Ecute Manseibashi, and the nursery school in Shiwa-town, Iwate prefecture.



**Taku Sakaushi** Architect, Dean of Architectural Department at Faculty of Engineering 2nd Division of Tokyo University of Science. Dr. of Engineering. Born in Tokyo in 1959, graduated from University of California at Los Angeles Graduate school of Architecture and Urban planning in 1985 under the supervision of Charles Moore, graduated from Graduate school of architecture at Tokyo Institute of Technology in 1986 under the supervision of Kazuo Shinohara.

Started working as an architect at Nikken Sekkei, largest architectural firm in Japan, then established O.F.D.A. in 1998. Since then, he has designed mainly houses, recycling factory, foster home, kinder garden, etc. Got many awards: the 4th Ashiwara Yoshinobu Award, and International Architectural Awards in 2007, 2010, 2015, etc.

He first taught at Shinshu University in 2005, from 2011 started to teach at Tokyo University of Science as a full time professor. Taku Sakaushi published many books; Rules of Architecture – ways of making and reading architecture today from Nakanishiya publishing in 2008 and Architectural Episteme: Making Architecture after “architecture”. Lixil Publishing in 2017. He thinks architecture from many stand points, not only from engineering but philosophy, sociology, and so on. Two books above represent wide range of architectural thinking.

**3:30pm – 4:50pm**

## **[2] Environment: Re-associating our relationship to the Environment, through considering the meaning of engendered energy-forms, ecological equilibrium, and technological progress.**

Energy, ecology and technology are in the field of ‘Environment’ which effects and change our lives, spatially and physically. The progress of humanity is historically measured by cultural, political, and scientific milestones. In all instances of progression, humanity has exerted a reciprocal and entropic force onto the environment. Here the environment is framed, not just as Earth or “nature”, but also as a larger system that constitutes our milieu. The exploitation of natural resources, equally relentless consumption of human labor, and production of both knowledge as well as globally distributed products contribute to different states of energies. The ecology need not narrow its definition to the scientific analysis and study of interactions among organisms and their environment, but as humanity’s new positioning in the world that can include economics, philosophy, and even arts.

Technology, then, at all stages of human progress, is the tool by which to exact intended results of production. The paradox is that technology is both enabled by environmental allowances, such as resources, and simultaneously produces an altered,

mediated environment shaped by human imagination. However, increasingly, technological advances are less hardware-based and more software-based. This means more capital is invested into software technology and more energy is used to generate intangible yet consequential products. With the advent of Bitcoins, even money has started to shed its hard-form. Technology simultaneously reflects and engenders our desire. If we can rethink on hybrid our relationship to what surrounds us, we can be sure harness the productivity of resources, system, and tool towards achieving a new state of human contentment.

In this framework of “Environment”, what can be the possible new forms of architecture and urbanism, which can only exist in matter and not in ether?

**Participants:** David Baena (Spain), Toni Casamor (Spain), Gianni Biondillo (Italy), Markus Pernthaler (Austria), Kensuke Hotta (Japan). **Moderator:** Kaz Yoneda (Japan)

**David Baena** CEO, founding partner of BCQ arquitectura Barcelona. Architect graduated from UPC ETSAV in 1989, co-founder of BCQ. Professor of Construction at the Universitat Internacional de Catalunya School of Architecture (ESARQ-UIC) since 1999, he has also been invited to give lectures and participate as guest professor in main Catalonia Schools of Architecture and abroad such as the South Anahuac University in Mexico City and the Facoltà di Architettura di Alghero, Università degli Studi di Sassari in Sardinia (Italy). David Baena is currently co-Director of the Technical Area and Member of Faculty Council at the ESARQ-UIC in Barcelona, as well as member of AxA· Architects for the Architecture Association.



**Toni Casamor** CEO, founding partner of BCQ arquitectura Barcelona. Architect specialized in Urban planning graduated from UPC ETSAV in 1986, co-founder of BCQ. He has developed wide teaching experience at main Schools of Architecture in Barcelona and abroad such as the ETH (Zürich), the Facoltà di Architettura di Alghero in Sardinia (Italy), the Strelka Institute (Moscow) and the McGill University in Montreal (Canada). Toni Casamor has been invited as Jury member in competitions and architecture awards such as the 2015 Seattle’s Honor Awards for Washington Architecture (USA) and to give talks and lectures on numerous Spanish and international venues. Keeping an active practice of collaboration and discussion about architecture and the urban model of Barcelona, his opinion has been published in several press articles and interviews in the media. Toni Casamor has been President of the Catalanian Architects Chamber Barcelona from 2010 to 2013.

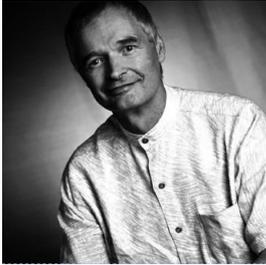
**Gianni Biondillo** (Milan, 1966), walker, architect and writer, was a professor of “Elements of Psychogeography and Narration of the Territory” at the Architecture Academy of Mendrisio (USI). He has held workshops and conferences in Marseilles, Cairo, Quito, Chi- cago, Teheran, etc.



As an essayist he published: *Carlo Levi e Elio Vittorini. Scritti di Architettura* (Carlo Levi and Elio Vittorini. Architectural Writings, 1997), *Giovanni Michelucci. Brani di città aperti a tutti* (Giovanni Michelucci. Tracks of Cities Open to All, 1999), *Pasolini. Il corpo della città* (Pasolini. The Body of the City, 2001), *Metropoli per principianti* (Metropolis for Beginners, 2008), *Tangenziali. Due viandanti ai bordi della città* (Tangential highways. Two wayfarers at the edge of the city, 2010, with Michele Monina) and *Passaggio a Nord-Ovest* (Northwest Passage, 2016).

As narrator, he has been involved in hard-boiled fiction, historical novels, travels, eros, fairy tales. He has published a dozen volumes, translated into several European languages. Writes for film and television, is part of the editorial team of "Nazione Indiana", collaborates with "Il Corriere della Sera", "Abitare" and other Italian magazines.

**Markus Perenthaler** Architect. 1984: graduation at the technical university in Graz. 1984-1986: post-graduate scholarship at Tokyo University.



1990: formation of the design-studio in Graz and following in Vienna. Since then, commissions in different fields of urban planning, architecture and design lectures and numerous jury-panels.

He is specialized in project development in combination with sustainable concepts and strategies.



**Kensuke Hotta** is an architect and a researcher currently based in Japan.

He was born in Japan and completed his architectural training in AA School, UK. He is currently working as COO at Po-LLC in Tokyo, also conducting research in several places such as practice and universities.

He has been honored with a scholarship from Union Foundation, and has won several prizes at internationally held competitions.

**Kaz Koneda** is a founder of bureau0-1, a practice for architecture, urbanism, projective design, and research based in Tokyo, with an outlet in New York. With a firm belief in the importance of synthesis that can come out of combined approach to praxis and research, he is also engaged with academia. He serves as an Adjunct Assistant Professor of Architecture and Urban Design at Hiroto Kobayashi Laboratory in Keio University, as well as a visiting lecturer at the Nihon University College of Fine Arts and Japan Women's University.



He has previously taught at the Cornell University Introduction to Architecture Program, graduate program at the University of Tokyo, and lectured for Syracuse University.

Kaz was born in Seattle and raised in California. He went on to receive B. Arch (honors thesis) from Cornell, and after a 2-year collaboration with Sou Fujimoto, attended Harvard for M. Arch 2 (hons). In 2011, he was appointed to coordinate and teach the Toyo Ito+Harvard GSD Studio in Tokyo. After serving as an associate director of space design for takram design engineering from 2011 to 2014, he launched bureau0-1.

At Keio, Kaz participates in Hiroto Kobayashi Laboratory that focuses on plywood material studies, tectonic disaster readiness, design-built interventions, urban analysis, and rural regeneration. His interviews and written pieces has been published in Shinkenchiku, GA Japan 138, The Architectural Review, Redshift, Built, and Shenu: Hydrolemic System (dOCUMENTA 13, News from Nowhere).

Kaz has contributed to or has been featured in WIRED, Motherboard, ICON, Harvard Platform (3 & 4), View (2 & 3), Architecture Boston, and output 11. He has also directed the book design of takram design engineering: Pendulum of Innovation (Lixil Publishing, 2014).

**5:00pm – 6:20pm**

**[3] Society: Reacting to changes in human life-pattern caused by unpredictable and uncontrollable externalities, such as migration, natural disasters, and terrorism acts.**

Recovery from disastrous situation or effects of migrants in EU cities will be discussed in the field of 'Social' aspect. Political influence to the specific community affects their lives in cities tremendously. We have seen that the current modality of our society is already ill equipped to handle the influx of different types of disasters now plaguing our civilization: Earthquakes, tsunamis, storms, drought, flood, famine, war refugees, environmental refugees, oil spills, nuclear meltdown, outbreaks, inequality, religious, genocide, and the list goes on. Since prevention sometimes can result in misplaced resources and not adaptable to dynamic geopolitics, a recovery plan based on inherent resiliency of local conditions and vernacular system can become another resolute solution to global woes. While it is convenient to formulate a global strategy, it is a reality that not two things are innately alike. Increasingly connected yet divided, social issues must start from addressing relationships at all levels of interpersonal to cross-cultural, singular to collective existences.

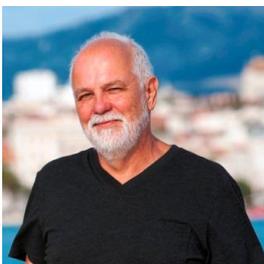
**Participants:** Kerem Halbrecht (Germany), Anna Hentschel (Germany), Darko Radovic (Australia/Japan), Tsubame Architects: Takuto Sando (Japan), Motoo Chiba (Japan). **Moderator:** Hiroto Kobayashi (Japan)

**Kerem Jehuda Halbrecht** Born 1978 in Jerusalem, lives in Berlin, works on earth. Kerem is an architect and cultural placemaker. He is the founder 72 Hour Urban Action, A real time architecture competition that hacks planning processes through physical Interventions. 72HUA created more than 40 urban interventions with designers and residents around Europe and the Middle East. Kerem is also architect and co-founder at The Spaceship, an independent collaborative work-live space for cultural activities which is a centre of free expression in Tel Aviv since 2007.



**Anna Hentschel** Born 1982 in Eckernförde, lives in Berlin, works in space. Anna is a scenographer and artist. She develops pieces of work between urban scenography, art, and architecture, with a particular interest in ephemeral space, atmospheres, bodies and processes. She received a diploma with commendation (stage design/ Berlin University of the Arts) and a Master (spatial strategies/ Muthesius University of Fine Arts and Design). Since 2011 she is core member of the Game Design network Invisible Playground and has worked in numerous cultural projects for theatres, cities and art institutions internationally.

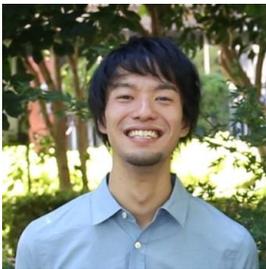
**Darko Radovic** is Professor of Architecture and Urban Design at Keio University, and visiting Professor at the United Nations University, Tokyo. He has taught researched and practiced architecture and urbanism in Europe, Australia and Asia. At Keio, Darko heads an Architecture and Urban Design Research Laboratory co+labo. The laboratory focuses at the nexus between environmental and cultural sustainability, through research and design-research investigations of the concepts of urbanity and sustainable development in culturally and



environmentally diverse contexts. The specific emphasis on interfaces between public and private, inside and outside realms and encounter with the Other.

Darko has published in English, Serbian/Croatian, Japanese, Italian, Korean and Thai languages. His books include *Green City* (2005, Routledge/UNSW Press; with Low, Gleeson, Green); *Urbophilia* (2007, University of Belgrade PAPS Publishers); *Cross-Cultural Urban Design* (2007, Routledge, with Bull, Boontharm, Parin, Tapie); *Another Tokyo* (2008, University of Tokyo cSUR & ichii Shobou); *eco-urbanity* (2009, Routledge). He introduced *Measuring the non-Measurable* research book edition (Tokyo: flick Studio and IKI), which includes his small Tokyo (co-edited with Boontharm, 2011), *The Split Case: Density, Intensity, Resilience* (co-edited with Kuma, Boontharm, Grgić, 2012); *Intensities in Ten Cities* (ed., 2013); *Tokyo dérive: In Search of Urban Intensities* (ed., 2013); *Subjectivities in Investigations of the Urban: the Scream, the Mirror, the Shadow*, (2014) and *In Search of Urban Quality: 100 maps of Kuhonbutsugawa Street, Jiyugaoka* (with D. Boontharm; 2014).

**Motoo Chiba** 1986 Born in Chiba. 2009 Graduate from Tokyo Institute of Technology (Kazunari SAKAMOTO Laboratory). 2009-2010 ETH Zurich exchange student. 2011 Jonathan Woolf Architect London. 2012 Completed the Master Course, Graduate School of Science and Engineering, Tokyo Institute of Technology (Yoshiharu Tsukamoto laboratory). 2012-Technical Assistant of KEIO University (Jorge Armazan laboratory). 2013 Established Tsubame Architects. 2015-, Tokyo University of Science part-time faculty



Major Awards 2016 Good Design Award 2016 (Tsubame Architects)

**Takuto Sando** 1986 Born in Tokyo. 2008 Studio of Cityscapers @ the University of Edinburgh (Scotland) 2009 Graduate from Tokyo Institute of Technology 2011 Completed the Master Course, Graduate School of Science and Engineering, Tokyo Institute of Technology (Yoshiharu Tsukamoto laboratory) 2011 – doctoral candidate (Yoshiharu Tsukamoto laboratory) 2012 Alejandro Aravena Architects / ELEMENTAL (South America / Chile) 2012-2013 Tsukuruba Inc. Chief Architect 2013 Established Tsubame Architects 2013-2014, Yokohama National University School of Architecture and Urban Y-GSA part-time faculty 2015-, Tokyo University of Science part-time faculty.



Major Awards: 2006 NRI Nomura Research Institute sponsored essay contest 2006 1st prize New industrial architectural design competition Award 2009 35th day. 2009 Tokyo Institute of Technology graduation design Excellence Award. 2009 WORLD SPACE CREATORS AWARDS 2009. 2016 Good Design Award 2016 (Tsubame Architects).

**Hiroto Kobayashi** is an Architect and Professor at Keio University Graduate School of Media and Governance. He studied architecture and urban design at Kyoto University and the Harvard Graduate School of Design (GSD). He worked with Nikken Sekkei and Norman Foster and Partners as an architect. Kobayashi is a founding partner of Kobayashi Maki Design



Workshop (KMDW) since 2003. He also represents Skidmore Owings and Merrill LLP (SOM) in Japan. He served as Visiting Associate at the GSD through 2003-2005. He was a Visiting Associate Professor at MIT in 2001 and 2002, and a Visiting Scholar at the Center for Japan Studies at UC Berkeley in 2012 and 2013.

He completed his doctoral dissertation on the traditional community form, 'Cho', and received a Doctor of Design degree from the GSD. Projects include works for cities and communities domestically and abroad. Most recently Kobayashi has been developing a self-build methodology using plywood, Veneer House, and studying a new method of inheriting sustainable community; this approach was inspired and initiated by the Tohoku disaster of 2011.

## July 9th, Sunday

**11:30am- 1:00pm Workshops presentations**

**1:00pm – 1:30pm Review and conclusion**

**Manuel Tardits** was born in Paris in 1959; French amateur champion of French Boxing, Study of sculpture of the Ecole des Beaux Arts; Study of architecture in UPA 1 France; Master of Engineering from the University of Tokyo under the supervision of Fumihiko Maki; Co-founder of architect office Mikan; Non-tenured professor at Meiji University.

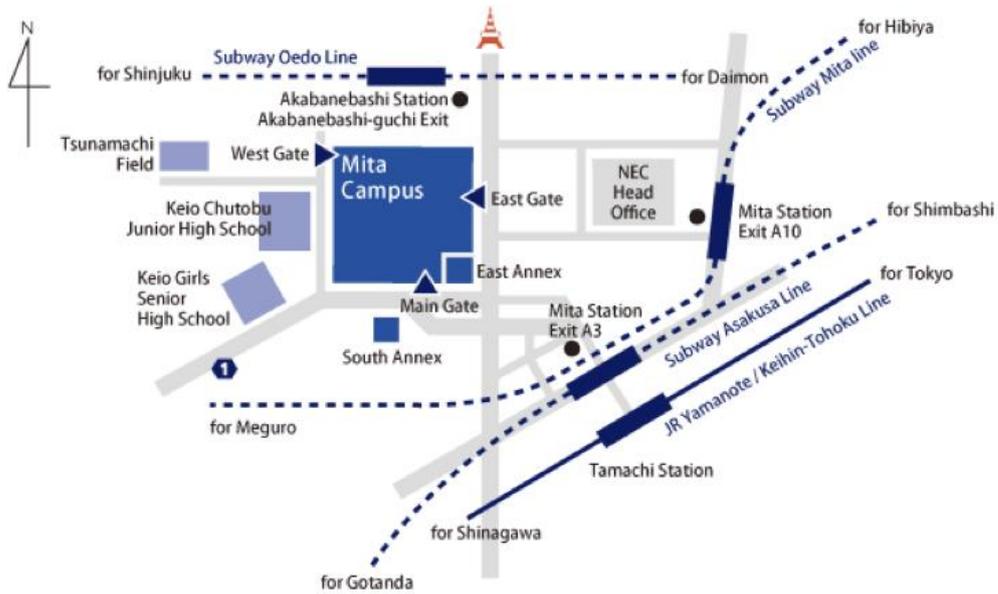
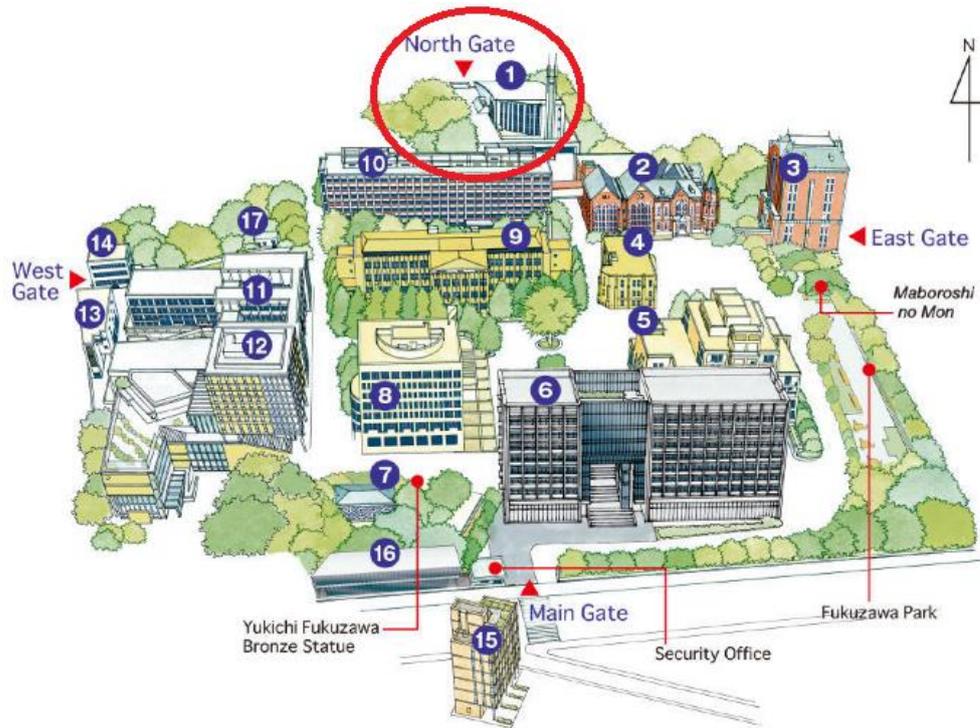


His office has received numerous prizes including Holcim Awards, Acknowledgement prize, Asia-Pacific, for the *Centre of the French School of Far East* in Kyoto (EFEO) in 2014 and Best Work Prize of the Architectural Institute of Japan 2016 for the *Renovation of*

*Manseibashi Station* in Tokyo.

He is also the author of many books including *Danchi Saisei Keikaku / Save the danchi* (and al.), *L'archipel de la maison / The Archipelago of House* (and al.), *Tôkyô, Portraits and Fictions* and more recently a book of novels *Le dit des cigales / Tale of the Cicadas*.

**Venue:** Keio University, Mita Campus, North Building, Conference Hall. 2-15-45 Mita, Minato-ku, Tokyo 108-8345



Symposium organized by:

