Schedule for Trial Lecture in 2019
As a Partial Fulfillment of Doctoral Degree (Qualification Test Part-II)

Date :   July 25 (Thursday) starting from 09:30

Venue :   S1-412   Lecture Room

No.	Time	Name	Supervisor	Specified Material for the Lecture
1	09:30 – 10:15	Syafri Wardi	Sanada	T. Ichinose, "A SHEAR DESIGN EQUATION FOR DUCTILE R/C MEMBERS", Earthquake Engineering and Structural Dynamics, VOL. 21,197-214 (1992), especially explain the truss-arch (strut) model to theoretically evaluate shear strength of reinforced concrete members.
2	10:15 – 11:00	Thet Zaw Htet	Umeda	Chapter 7 of Textbook "Marine Hydrodynamics", by John Nicholas Newman, with emphasis placed on the frequency effect on hydrodynamic forces and resulting ship motions
3	11:00 – 11:45	Muhajjir	Aoki	Peter Nielsen: Coastal Bottom Boundary Layers and Sediment Transport, World Scientific, Chapter 2: Sediment Mobility, Bed-Load and Sheet-Flow
			Lunch Break	
4	13:00 – 13:45	Ardhana Wicaksono	Kashiwagi	Chapter 5 of Textbook "Marine Hydrodynamics", by John Nicholas Newman, with emphasis placed on the computation of lift force and related lifting-line theory
5	13:45 – 14:30	Truong Quang Tho	Toda	Chapter 3 of Textbook "Marine Hydrodynamics", by John Nicholas Newman, with emphasis placed on the boundary-layer theory and consideration on the scale effect
6	14:30 – 15:15	De Gracia Claude Luis Carlos	Osawa	Newman, J.C.,Jr., "A Crack-Closure Model for Predicting Fatigue Crack Growth under Aircraft Spectrum Loading," Methods and Models for Predicting Fatigue Crack Growth under Random Loading, ASTM STP 748, J.B.Chang and C.M.Hudson, Eds., American Society for Testing and Materials, 1981, pp. 53-84.
			Break (Buffer for adjusting the time schedule)	
7	15:30 – 16:15	Ruiz Valdes Hector Olmedo	Osawa	Jun S Chen, Dawood A Desai, Stephan P Heyns, Francesco Pietra, Literature review of numerical simulation and optimisation of the shot peening process, Advances in Mechanical Engineering, 11, 3 DOI: 10.1177/1687814018818277
8	16:15 – 17:00	Pinzon Acosta Cesar De Jesus	Osawa	Kim, MJ (2004) Transient evaporative laser cutting with moving laser by boundary element method, Applied Mathematical Modelling, 28(10), 891–910

Meeting for Evaluation: From 17:00 at S1-412

Steering committee members and the supervisors are strongly encouraged to attend this trial lectures and also the meeting for evaluation.