SEMINAR ON

STRUCTURAL DESIGN OF A FIVE-STOREY REINFORCED CONCRETE SMRF BUILDING IN ACCORDANCE WITH NSCP VOLUME 1, SEVENTH EDITION, 2015, 2ND PRINTING

October 18-19, 2019
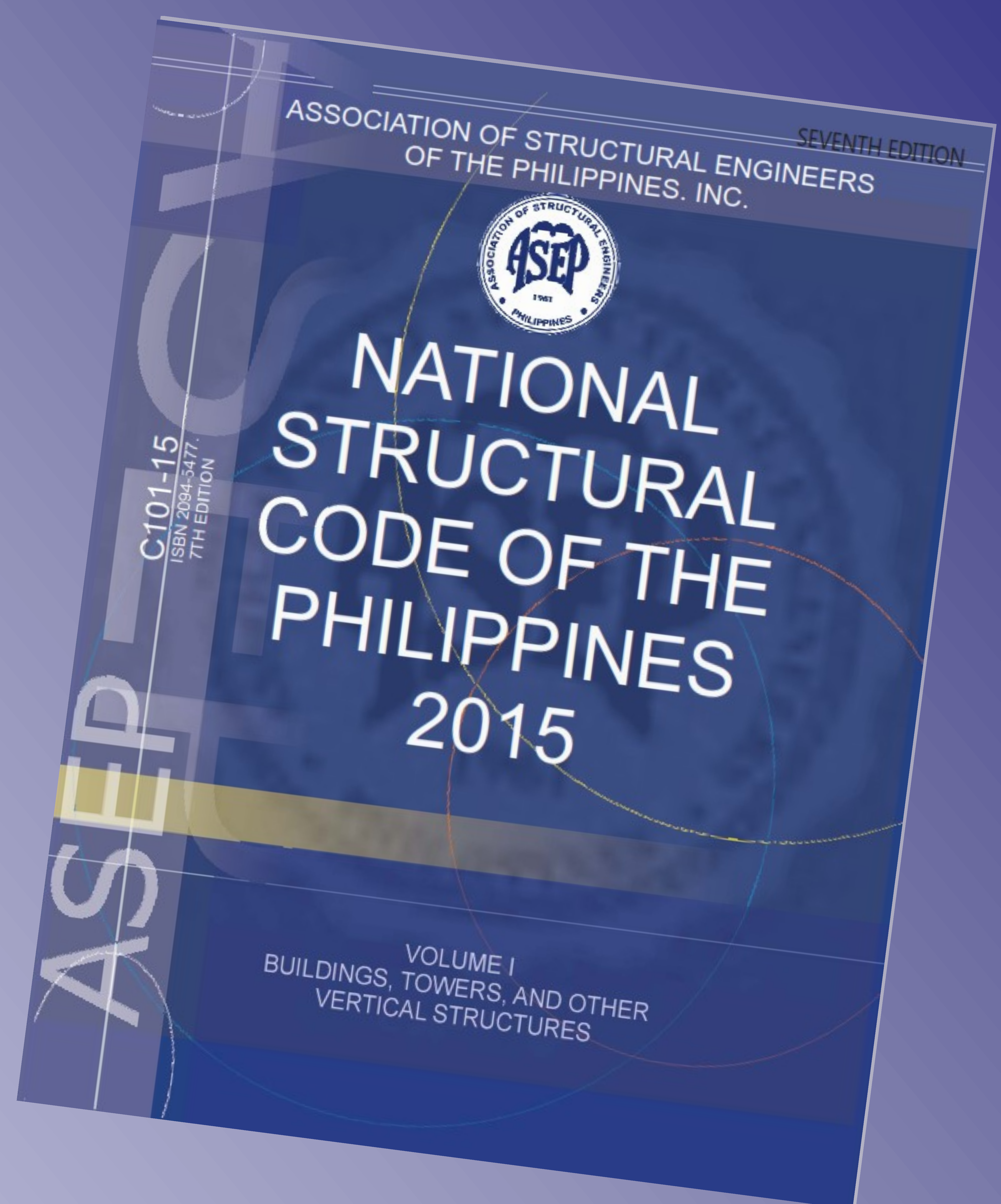### Venue to be announced

TOPICS TO BE DISCUSSED:

October 18, Friday

- *Interpret architectural plans, prepare skeleton framing for structural modeling* – Randy Tabadero
- *Prepare statement of basis of design – design criteria, codes and standards, references* – Randy Tabadero
- *Derive loads (gravity loads and lateral forces), identify load combinations*
- *Determine preliminary member sizing* – Francis Valderrama
- *Interpret soil report, identify support conditions* – Francis Frederick M. Sison
- *Structural modeling using software, input parameters* – Cecilio B. Espino II
- *Structural analysis, extraction of results, interpretation of results* – Maricon C. Pineda

October 19, Saturday

- *Design of RC Columns and Beams/Girders based on structural analysis* – Ademar Pama
- *Design of slabs and miscellaneous structures as stairs, parapets, etc.* – Mark Elson C. Lucio
- *Design of foundations* – Rodolfo Mendoza Jr.
- **Detailing (excluding seismic detailing)** – Angelo Tanbua
- **Prepare Design Calculation report, Technical Specifications, Structural Plans** – Bernie Lejano

Registration fee:

Early Bird: P3,500.00 (*until 10.16.19*)
Senior Citizen: P3,500.00 (*pls present ID*)
Regular Fee: P4,000.00
Onsite Reg : P4,500.00
Undergrad Student: P 2,500 (no meals)

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BUILDINGS, TOWERS, AND OTHER VERTICAL STRUCTURES