

2017年 臺大理論科學研究中心

環境流體力學短期講座

WORKSHOPS



CASTS

理論科學研究中心
Center for Advanced Study in Theoretical Sciences

2017. 9. 4-6

Typhoon

Mr. Ming-Dean Cheng

For the abstract of this talk, please [click here](#).

Tsunami

Prof. Philip Li-Fan Liu

For the abstract of this talk, please [click here](#).

Storm surge

Mr. Chi-Hao Chu

For the abstract of this talk, please [click here](#).

Small amplitude waves (Long wave and short wave approximations; Dispersion relationship; wave celerity; particle velocity; group velocity)

Prof. Philip Li-Fan Liu

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Small amplitude waves (Dispersion relationship; wave celerity; particle velocity; group velocity)

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Stokes drift and wave-induced current interaction

Prof. Wu-Ting Tsai

For the abstract of this talk, please [click here](#).

Radiation stress in ocean modeling

Prof. Yi-Ju Chou

Radiation stress in ocean modeling

Observations of rogue waves

Wen-Shan Jiang

For the abstract of this talk, please [click here](#).

Stokes waves

Prof. Philip Li-Fan Liu

For the abstract of this talk, please [click here](#).

Mean free surface; Radiation stresses; Wave-induced "mean" currents

Prof. Philip Li-Fan Liu

For the abstract of this talk, please [click here](#).

Wave-seafloor interactions

Prof. I-Chi Chan

For the abstract of this talk, please [click here](#).

CFD modeling of breaking wave

Prof. Philip Li-Fan Liu

For the abstract of this talk, please [click here](#).

Depth-averaged wave models (Boussinesq equations; KdV equations; Fully nonlinear and weakly dispersive equations)

Prof. Philip Li-Fan Liu

For the abstract of this talk, please [click here](#).