

## Paper Session III

### Fluids

#### Ashley Kim

Wretborn, Joel, Sean Flynn, and Alexey Stomakhin. "**Guided bubbles and wet foam for realistic whitewater simulation.**" *ACM Transactions on Graphics (TOG)* 41, no. 4 (2022): 1-16.

<http://alexey.stomakhin.com/research/whitewater.html>

#### Jiayu He

Rabbani, Amir Hossein, Jean-Philippe Guertin, Damien Rioux-Lavoie, Arnaud Schoentgen, Kaitai Tong, Alexandre Sirois-Vigneux, and Derek Nowrouzezahrai. "**Compact Poisson Filters for Fast Fluid Simulation.**" In *ACM SIGGRAPH 2022 Conference Proceedings*, pp. 1-9. 2022.

<https://dl.acm.org/doi/fullHtml/10.1145/3528233.3530737>

#### Langxuan He

Xiong, Shiyong, Zhecheng Wang, Mengdi Wang, and Bo Zhu. "**A Clebsch method for free-surface vortical flow simulation.**" *ACM Transactions on Graphics (TOG)* 41, no. 4 (2022): 1-13.

<https://shiyongxiong.github.io/proj/Clebsch/Clebsch>

#### Helena Yang

Deng, Yitong, Mengdi Wang, Xiangxin Kong, Shiyong Xiong, Zangyueyang Xian, and Bo Zhu. "**A moving Eulerian-Lagrangian particle method for thin film and foam simulation.**" *ACM Transactions on Graphics (TOG)* 41, no. 4 (2022): 1-17.

<https://cs.dartmouth.edu/~bozhu/papers/melp.pdf>

<https://www.youtube.com/watch?v=xW-G7hm6SWQ>

#### George Ralph

Li, Wei, Yihui Ma, Xiaopei Liu, and Mathieu Desbrun. "**Efficient kinetic simulation of two-phase flows.**" *ACM Transactions on Graphics* 41, no. 4 (2022): 1-17.

<http://geometry.caltech.edu/pubs/LMLD22.pdf>

[https://www.youtube.com/watch?v=9Rg92\\_uG6nc](https://www.youtube.com/watch?v=9Rg92_uG6nc)