**International workshop on**

**data-driven computational and theoretical materials design (DCTMD)**

**Time:** Oct. 9-13, 2024

**Venue:** Grand Central Hotel Shanghai, Shanghai

地点：上海王宝和大酒店

Address: 505 Jiujiang Road, Shanghai, 200001; Tel：86 21 5353 8888

Hotel website: <http://www.wbh-sh.com/shanghai/html/english/sh.html>

Conference website: under construction

**Registration rates：**

Full conference registration: 3500 RMB or 500 US$

Early bird registration (by June 30, 2024): 2800 RMB or 400 US$

Student registration: 2800 RMB or 400 US$

**Agenda:**

* Oct. 9: Afternoon and Evening: Registration; Evening: Buffet (Hotel)
* Oct. 10: Morning: Opening ceremony and Lectures (Shanghai University, Baoshan Campus); Afternoon: Lab tour (Shanghai University, Baoshan Campus); Evening: (Shanghai Bund, Boat tour)
* Oct. 11: Morning and Afternoon: Lectures; Evening: Banquet (Hotel)
* Oct. 12: Morning and Afternoon: Lectures; Evening: Buffet (Hotel)
* Oct. 13: Leaving

**Topics:**

* Database construction, data curation, data collection, FAIR data principle, including large language model (LLM)
* Artificial intelligent (AI) algorithm and application in materials design
* High-throughput computational and theoretical materials design
* Data-driven experimental development
* AI/autonomous/automatic/high-throughput materials lab
* Advanced computational algorithms

Estimated：250 persons