

# Summer Update Peter

- New Angles **paper accepted** by journal:

New Angles on Fast Calorimeter Shower Simulation,  
S.Diefenbacher et al. 2023 MLST in press

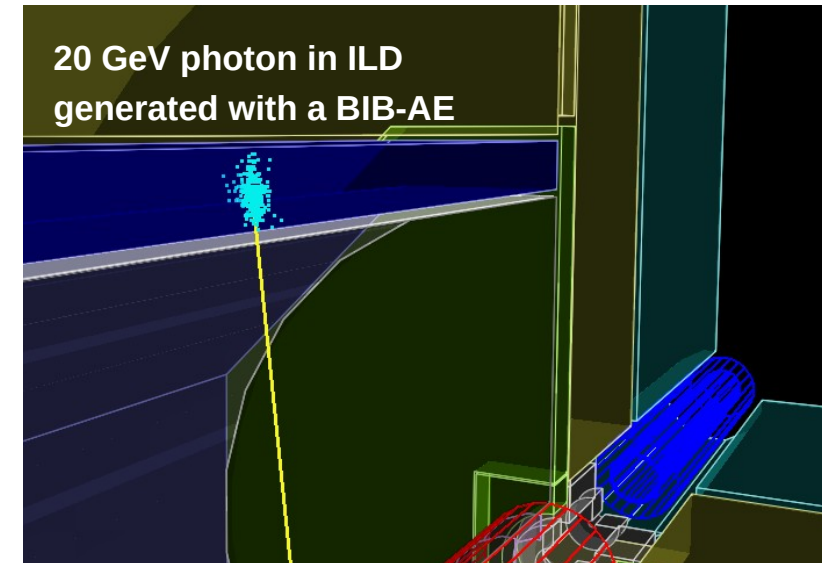
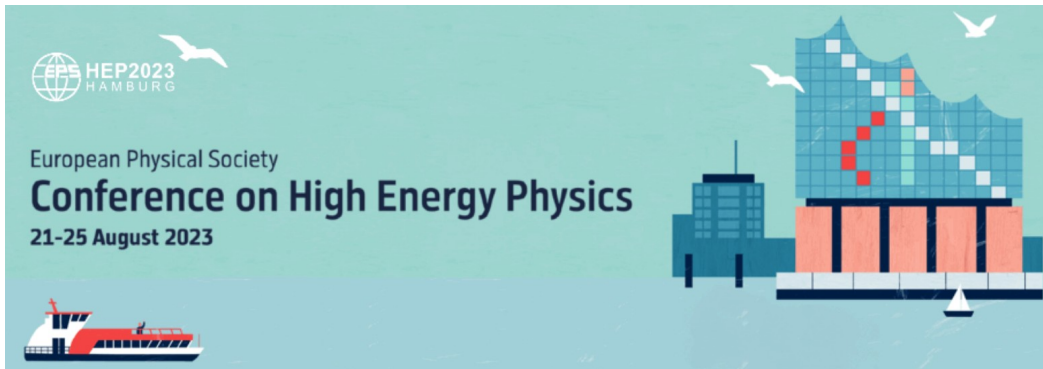
[DOI 10.1088/2632-2153/acefa9](https://doi.org/10.1088/2632-2153/acefa9)

- **Thesis** writing

- Updates for **BIB-AE model** implementation in **DDFastShowerML** prototype library

- BIB-AE with **two angles** and energy training- **Highlight**

- Attending and [talk](#) given at **EPS-HEP**



# Summer Update Peter

## Highlight- Adding Another Angle

- Need to condition on **energy, theta and phi** for full application
- **Extending phase space** challenging (another angle + lower energies!)
- **Work in progress**

