1.1 The Weather Research and Forecasting model: 2018 annual update.

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This talk will cover the updates in WRF since the last workshop. These include the releases of Version 3.9.1 and Version 4.0. Version 4 is a major upgrade that now includes the hybrid vertical coordinate and moist theta as a prognostic variable. The benefits of these will be described. Several other changes are related to combining idealized cases into a single initialization module, and a new way of automatically generating vertical levels that vary more smoothly. Other physics updates will also be described.