

# Breakout session: Visualization via OVITO

Mitch Wood  
Sandia National Laboratories

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# LAMMPS resources for visualization

- **Website:** Visualization page
  - OVITO (this session)
  - VMD
  - AtomEye
  - ParaView
  - PyMol
  - Visit
- **Manual**
  - Section 6.11 = visualization

# LAMMPS resources (continued)

- **Dump** formats:
  - dump image or movie = on-the-fly images (JPG, PNG, etc)
  - dump cfg = AtomEye format
  - dump dcd = CHARMM, NAMD format
  - dump xtc = Gromacs format
  - dump vtk = ParaView format
  - dump xyz = XYZ format
  - dump h5md = HDF5 format
  - dump netcdf = NetCDF format
- **Tools** provided in LAMMPS distro:
  - Imp2arc, Imp2cfg, pymol\_asphere
  - **Pizza.py** file converters = <http://pizza.sandia.gov>