UCD 1+ new words

- S time.frame
- S time.system
- S phot.system
- Q pos.eop.xp, pos.eop.yp, pos.eop.UT1mUTC
- S pos.nutation, Q pos.eop.dX, pos.eop.dY
- S pos.topocentric, Q pos.topocentric.north, pos.topocentric.east, pos.topocentric.up
- Q stat.sphericalHarmonic, stat.wavelet

Proposed changes

- Planetary systems (obs Paris)
  - phys.magAbs.G slope parameter

Proposed changes

- Theoretical data proposal
  - http://www.ivoa.net/cgi-bin/twiki/bin/view/IVOA/TheoreticalDataUCDProposal
- Description of cosmological parameters: details under existing phys.cosmology ?
  - Q phys.cosmology.Hubble
  - Q phys.cosmology.omega.matter
  - Q phys.cosmology.omega.lambda
  - Q phys.cosmology.omega.baryon
  - Q phys.cosmology.omega.radiation
  - Q phys.cosmology.omega.stellar
  - Q phys.cosmology.sigma8

Proposed changes

- Theoretical data proposal
  - http://www.ivoa.net/cgi-bin/twiki/bin/view/IVOA/TheoreticalDataUCDProposal
- Other terms for simulations
  - Q phys.temperature.emissionWeighted
  - Q phys.temperature.massWeighted
  - Q phys.temperature.specLike
  - Q phys.radius.rhocritic
  - S meta.model
  - meta.software for cosmological code
  - S phys.cosmology.box Box for simulations

Proposed changes

- Polarization data (A. Richards)
  - phys.polarization.stokes.I
  - phys.polarization.stokes.Q
  - phys.polarization.stokes.U
  - phys.polarization.stokes.V
  - phys.polarization.circular.L
  - phys.polarization.circular.R
  - phys.polarization.linear.X
  - phys.polarization.linear.Y

Proposed changes

- Polarization data (A. Richards)
  - phys.polarization.stokes.I
  - phys.polarization.stokes.Q
  - phys.polarization.stokes.U
  - phys.polarization.stokes.V
  - phys.polarization.circular.L
  - phys.polarization.circular.R
  - phys.polarization.linear.X
  - phys.polarization.linear.Y

Most recent discussions

- Describe Myron's encoding scheme
- S time.iso8601 = time string in ISO8601 format
  - used as a qualifier, e.g. time.start;
  - but do we really need a UCD ?
- Q time.epoch.JD, time.epoch.MJD
  - to avoid the « MJD unit syndrom »
- Q instr.det.aperture = aperture on the instrument detector
  - to qualify aperture photometry magnitudes
  - phot.mag;em.opt.B;instr.det.aperture

Good practices note ?

- Many questions on assignment
- Use in VOTable with groups
  - do not put everything into one UCD
- <group ucd="phot.mag">
  - <param ucd="meta.id;phot.system" value="Johnson"... />
  - <field ucd="phot.mag;em.opt.B" ... />
- </group>