Charm meson spectroscopy and decays.

- 1) Charm spectroscopy.
  - a) Introduction.
    - i) Overview;
    - ii) Quark model for ground states;
    - iii) Review of the phenomenological models.
  - b) D mesons;
    - i) Review of past work on D meson spectroscopy;
    - ii) Recent results from inclusive e^+e^-;
    - iii) Results from B decays.
  - c) D_s mesons.
    - i) Review of past work on D_s meson spectroscopy;
    - ii) Recent results from inclusive e^+e^-;
    - iii) Results from B decays.
- 2) Hadronic charm decays.
  - a) Introduction.
    - i) Overview;
    - ii) Review of the phenomenological models.
  - b) Two-body decays.
  - c) Three-body decays.
    - i) Methods. Dalitz plot analysis, Model Independent Partial Wave Analysis, Direct Partial Wave analysis.
    - ii) Experimental results.
    - iii) Light meson spectroscopy in three-body charm decays.
  - d) Multi-body decays.
- 3) Semileptonic charm decays.
- 4) Leptonic charm decays.
- 5) Rare decays.