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White Paper Hadrons@SIS100 - chapter 5

Structure

- Baryon spectroscopy (strange and charmed baryons)

Theory (2 pages):	- EFT	✓
	- DSE/BSE	✓
Experiment (3 pages):	- JPARC program <-> SIS100	✓
	- KL facilities	o
	- prospects for π@HADES and CBM	o

- Hadron structure: elastic and transition form factors

Theory (4 pages):	- quark models	✓
	- DSE/BSE	✓
	- EFT and dispersion theory	o
	- lattice QCD	✓
Experiment (2 pages):	- prospects for CBM	✓

- Hadron structure: nucleon structure and intrinsic charm

Theory (3 pages):	- DSE/BSE	o
	- Lattice QCD	✓
	- Production of charm	✓
Experiment: (4 pages)	- GPDs general	✓
	- JPARC-intrinsic charm	✓
	- JLAB	✓
	- prospects for CBM	✓

- Weak decays: Omega-Baryon (1 page) ✓

Tasks to do

- Collect remaining promised contributions (until Xmas)

  We are also open for not yet planned contributions !!

- Sharpen ideas (ongoing process)

  What, specifically, can be done at CBM@SIS100 ?

  What, uniquely, can be done at CBM@SIS100 ?

- Work on cross-relations to other chapters

- Fine-tune text