

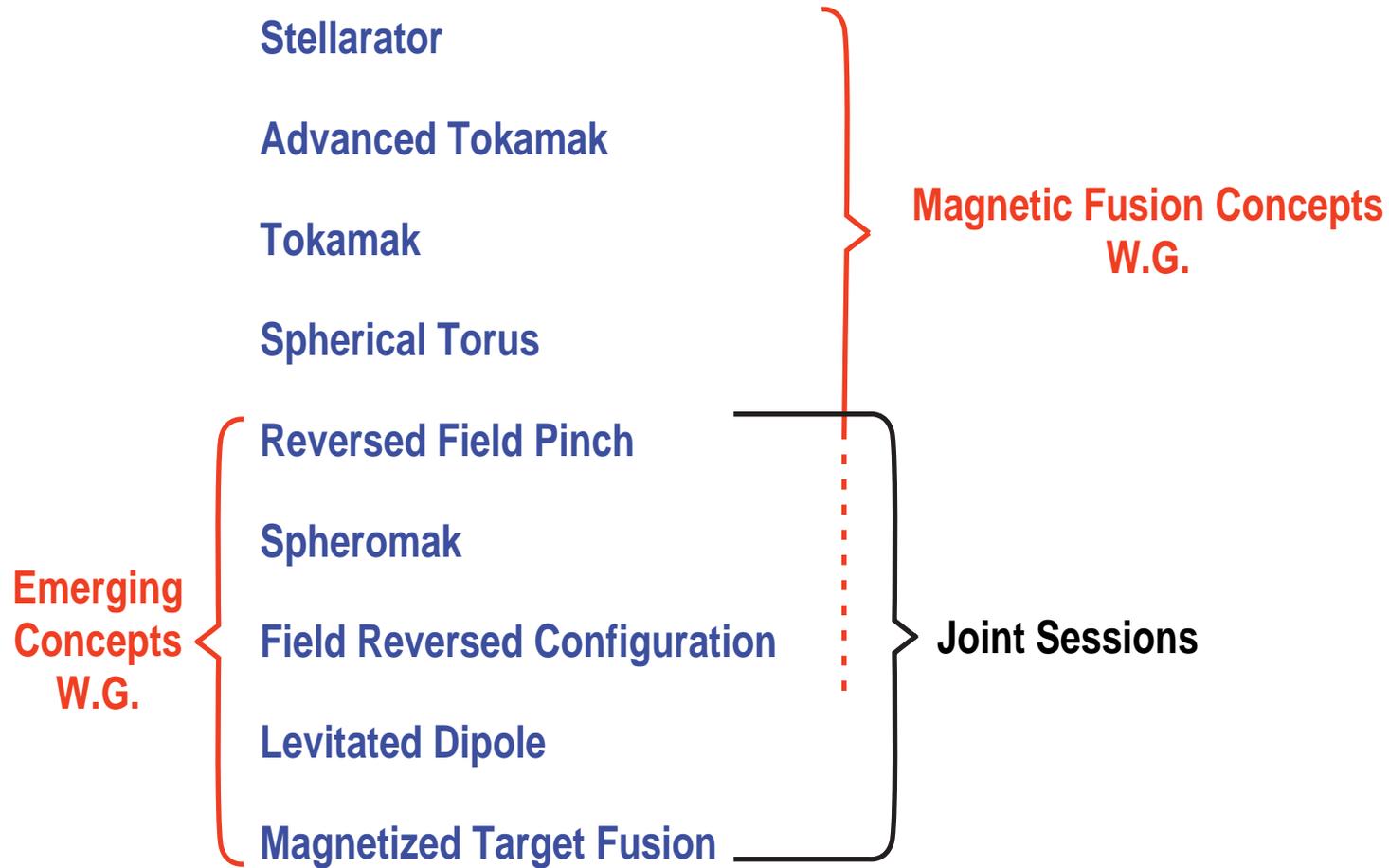
# MAGNETIC FUSION CONCEPTS WORKING GROUP

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- Discuss and develop scientific and technical basis
- Identify key issues
- Identify key opportunities
  - For the magnetic configurations

# THE SPECTRUM OF MAGNETIC CONFIGURATIONS

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# ISSUES AND CONFIGURATIONS

Issues Configs	Transport	Burning Plasmas	MHD Stability	Steady State	Plasma Boundary	Integration & Performance Measures
Stellarator						
Advanced Tokamak						
Tokamak						
ST						
RFP						
Spheromak						
FRC						

**Breakout discussion groups  
along scientific issues  
to enhance cross – configuration interaction**



# STRAWMAN SCHEDULE FOR MAGNETIC FUSION WORKING GROUP

	Tues	Wed	Thurs	Fri	Mon	Tues	Wed
8:30	Plenary MFWG Organization Questions	Tokamaks - Stambaugh 45 min talk	RFP-Prager 20 min talk 10 min review	breakout groups	Plenary Summaries	Group discussion	breakout groups
9:00	S.T. - Kaye 25 min talk 20 min discussion	30 min discussion	15 min discussion	↓	↓	breakout groups	↓
9:30	Stellarator- Boozer 25 min talk 20 min discussion	Electric Tokamak Kissick 15 min talk 15 min disc	Spheromak Hooper 20 min 10 min review 15min discussion				
10:00	breakout groups	breakout groups	FRC, MTF, Lev Di Review 30 mins 15 min discussion	↓	↓	↓	↓
10:30	↓	↓	joint sess with EC				
11:00	↓	↓	breakout groups	Breakout group Summary	↓	↓	↓
11:30	↓	↓	↓	↓	↓	↓	Breakout group Summaries
12:00	↓	↓	↓	↓	↓	↓	↓

# PROCESS

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- **Talks in joint session**
  - On each configuration to discuss status, identify issues for each sub-group and provide background
    - Review talks before snowmass
    - Chits
- **Breakout group sessions each day**
  - Concentrate on configurations introduced in joint session
  - Presentations and discussions addressing key questions and preparing outlines for final reports
  - Breakout group recorder
    - (Flip charts: 2 per room)
  - Chits
- **Nightly meeting of breakout group leaders**
  - Status
  - Cross communication — exchange chits
  - Organize recorder notes
  - Synthesize summary document

# ISSUES TO RESOLVE

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- Configuration white papers and reactor studies
  - Link to snowmass web site
- Breakout group white papers
- Breakout group's detailed schedules and speaker commitments
  - Proper balance between presentations and discussion time
- Overlap with afternoon science working group