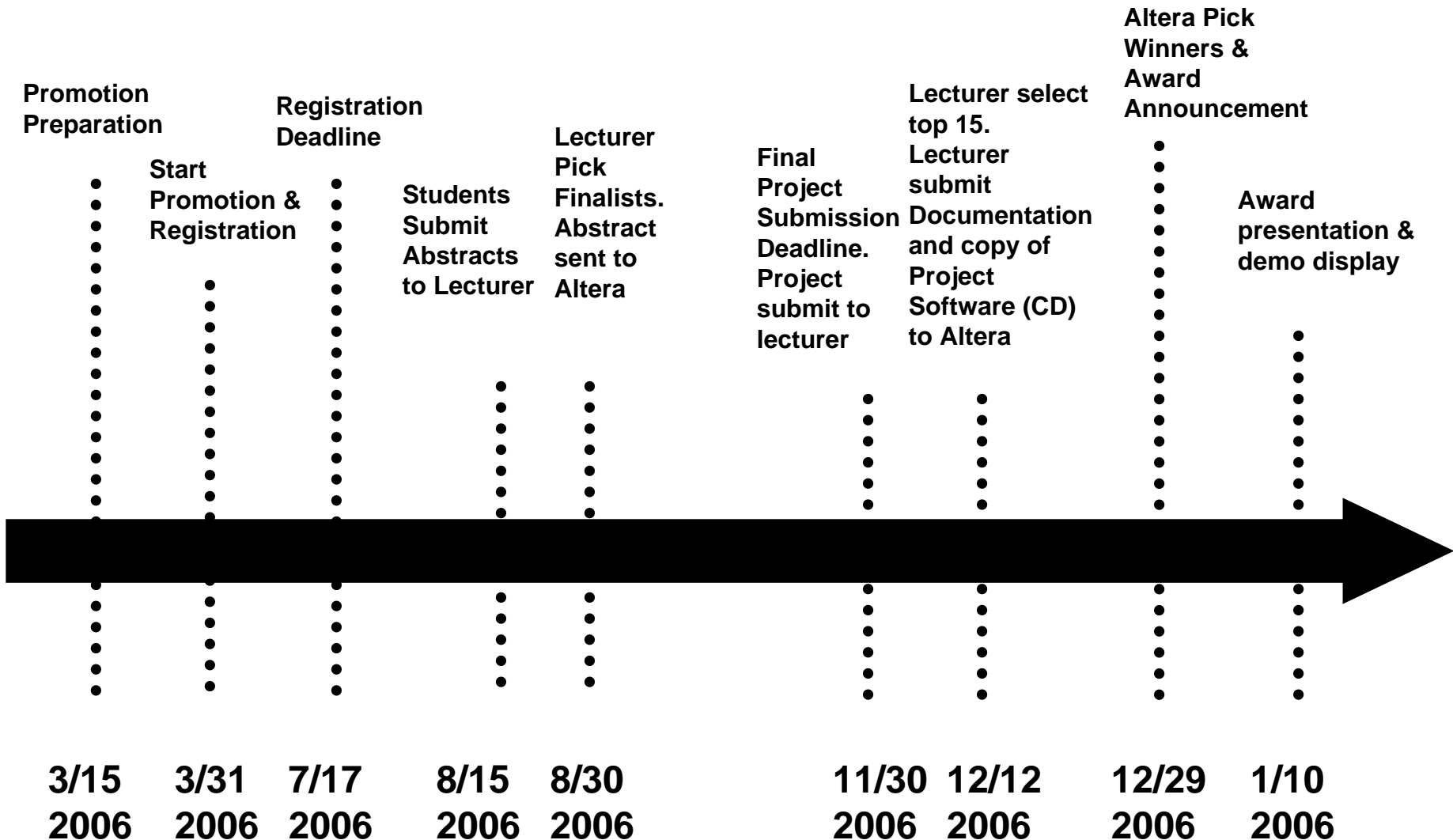


# General Timeline



# Criteria of contest

Design Phase	Category	Score	Examples
Design Concept	<i>Complexity</i>	5 pts	-Design uses RTOS or -Multiple Nios cores sharing and inter-core communications
		4 pts	- Uses DSP Algorithm or - Does packet processing or - Does graphic acceleration
		3 pts	- greater than 70% LE /memory utilization or - uses complex IP cores
		2 pts	- uses two masters on Avalon bus
		1 pts	- greater than 50% LE / memory utilization
		0 pt	- None of the above
	<i>Functionality</i>	5 pts	- Custom peripheral AND custom instruction on same chip
		4 pts	- custom instruction or - custom peripheral for hardware acceleration
		3 pts	- custom peripheral without hardware acceleration
		2 pts	- More than 8 peripherals on SoPC bus
		1 pts	- More than 5 peripherals on SoPC bus
		0 pts	- None of the above

# Criteria of contest (con't)

Design Phase	Category	Score	Examples
Design Concept	<i>Originality</i>	Projects which have been submitted in other competitions and/ or previous final year projects will not be admissible	
		5 pts	Original project
		1 pts	Part of final year project
Design Implementation	<i>Completeness</i>	5 pts	- Final report + 100% software complete + 100% hardware demonstration
		4 pts	- Final report + 100% software + 80% hardware demonstration
		3 pts	- Final report + software debugging AND hardware debugging
		2 pts	- Final report + software debugging
		1 pts	- Final report + hardware debugging only
		0 pts	- None of the above

# Criteria of contest (con't)

Design Phase	Category	Score	Examples
Documentation	<i>Completeness</i>	5 pts	- Complete all 7 parts in proper format with proper illustrations and full documentation of the final project.
		4 pts	- Complete all 7 parts in proper format
		3 pts	- Complete mandatory parts + detailed design description + design features
		2 pts	- Complete mandatory parts + detailed design description
		1 pts	- Complete all mandatory parts (Design Introduction, Function Description, Performance Parameters, and Design Architecture.
		0 pts	- No submission * *Violation of the contest agreements. The project is said to be disqualified.

# Prizes

- 1<sup>st</sup> Prize x 1 (RM3,000)
- 2<sup>nd</sup> Prize x 1 (RM2,500)
- 3<sup>rd</sup> Prize x 1 (RM2,000)
- 4<sup>th</sup> Prize x 1 (RM1,500)
- 5<sup>th</sup> Prize x 1 (RM1,000)
- Consolation Prizes x 10 (RM500)

***Total Prize Money: RM15,000***