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**Advanced Topics in Artificial Intelligence:
Wrapping Up**

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- [AGI Society](#)
- [Journal of AGI](#)
- [AGI Conference](#)
- [AGI Society YouTube Channel](#)
- [AGI Summer School 2012](#)
- [AGI Summer School 2013](#)



Resources

- [AGI Society Resources](#)
- [Suggested Education for Future AGI Researchers](#) by Pei Wang
- [Sketch of an AGI Curriculum](#) by Ben Goertzel
- [Marcus' AI Recommendation Page](#) by Marcus Hutter

Projects

- [OpenCog](#)
- [NARS](#)
- [AERA](#)
- [Sigma](#)
- [MicroPsi](#)
- [Soar](#)
- [ACT-R](#)
- [LIDA](#)
- [Nengo/Spaun](#)
- [DeSTIN](#)
- [Numenta's HTM](#)
- [Vicarious's RCN](#)
- [CLARION](#)
- [Cyc](#)
- [AIXI](#)
- [Gödel machine](#)
- [Entropica](#)
- [Blue Brain project](#)
- [SyNAPSE](#)
- [GLAIR](#)
- [CHREST](#)



- students should be able to:
- Identify key challenging research questions related to advanced machine learning and (AML) artificial general intelligence (AGI)
- List the methodological difficulties and proposed solutions to building AML/AGI systems
- Explain key components of some AML/AGI architectures, and how these relate to the creation of truly intelligent machines of the future
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- Students should have a good idea of:
 - The limitations of current AI methodologies
 - How AGI differs from “narrow AI”
 - Some AML/AGI projects in progress
 - What the main requirements are for building complete minds
 - What methodologies are currently available and applicable for building complete minds
 - How software architecture plays a central role in AI, robotics, and AGI
 - How to apply presently-known techniques and methodologies for building complex AI systems
 - Emergence, self-organization, and synergism



Questions?

