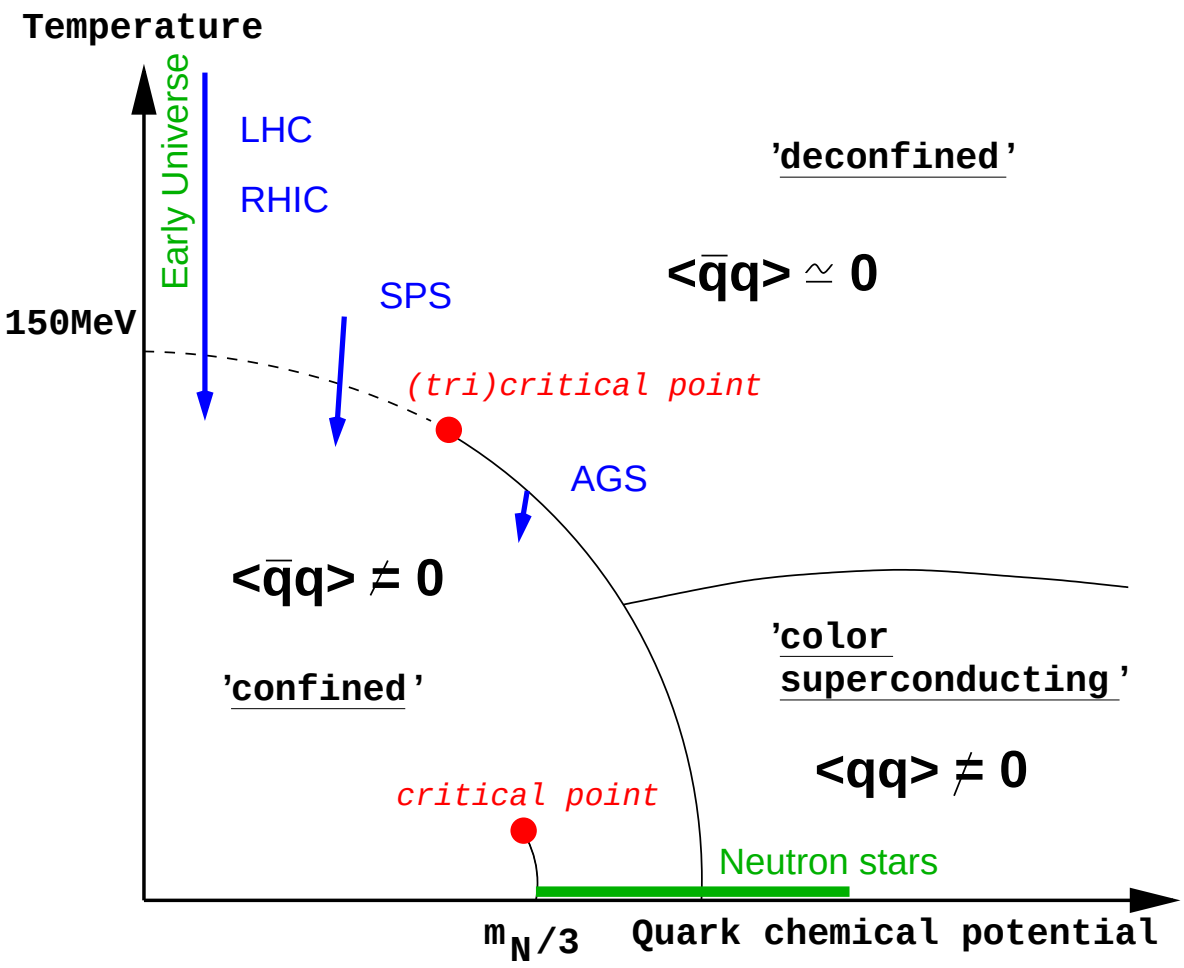Phase Diagram