

Argumentation is a formalism of reasoning where arguments and counterarguments are evaluated in order to select the most acceptable ones. In classical abstract argumentation, arguments and attacks can be considered to be constant, in the sense they are always available for evaluation.

This line of research is initially focused in the formalization of abstract argumentation frameworks where arguments are only valid for consideration in given periods of time. Thus, the attainability of attacks and defenses are related to time and so is the semantic consequences.

- "On admissibility in timed abstract argumentation frameworks". Ma. Laura Cobo, Diego C. Martínez, Guillermo R. Simari. To appear in European Conference on Artificial Intelligence - ECAI 2010.
- "An approach to timed abstract argumentation". Ma. Laura Cobo, Diego C. Martínez, Guillermo R. Simari. To appear in Worksgop on Nonmonotonic Reasoning - NMR 2010.