Artificial Intelligence has become the defining technology of our time. Impressive and effective though it may be, it often defies our understanding, and hence our control. Nevertheless, today’s main concern is not that AI might become too smart—it is far from it—but that it often surprises us by being dangerously dumb, prejudiced, credulous, or unreliable. Fortunately, AI is an extremely rich research area, which keeps developing in many different directions that outline ways of constructing intelligent systems that can be understood, validated, and controlled.

The 15th Reasoning Web Summer School brings together leading AI researchers who will share their ideas and knowledge about how to make AI more explainable. The school is a five-day intensive training course that interleaves lectures and hands-on sessions. Participants learn about exciting new methods and technologies, and at the same time get to know their peers and senior researchers in their area.

RW 2019 is part of BRAIN 2019, the Bolzano Rules and Artificial Intelligence Summit. With its special focus theme on "Beneficial AI", BRAIN 2019 brings together the 3rd International Joint Conference on Rules and Reasoning (RuleML+RR 2019), DecisionCAMP 2019, the Reasoning Web Summer School (RW 2019) and The 5th Global Conference on Artificial Intelligence (GCAI 2019).

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