# Virtual and Augmented Reality, from Design to Evaluation

Rachid Gherbi[(⊠)]

Université de Paris-Sud XI, Orsay, France
rachid.gherbi@u-psud.fr

**Abstract.** The talk will highlight the general idea of Virtual and Augmented Reality (V&AR), from design specifications to evaluation methods. After a short introduction into the history of V&AR, we will have a look at various types and concepts of V&AR known today. We then discuss some experimental cases to highlight the need of specification of all V&AR parts, such as technical and hardware constraints but also those concerning tasks modeling and users needs. We will present some criteria we consider when evaluating a V&AR experiences success. Finally, some Algerian V&AR applications and projects will also be presented in order to show national developments in this area.