Cheick Oumar DIARRA

R&D material science

cheickoumard7@gmail.com

Core business

PHASE 1 **Evaluation**

In the scope of my Ph.D. work, I regularly evaluate and synthesize what has been done in the field of my research, to situate my work I must know the strengths and the drawbacks of works carried out by others. It is also required when developing new methodologies to solve specific physics problems.

- *Evaluates the value of various documents concerning his field of expertise.*
- *Is able to judge his own results in terms of both quality and added value.*
- *Is willing to expose ideas to a critical audience; takes others' opinions of his work into account.*
- *Is willing to evaluate the work of other contributors and provides reasoned, realistic judgments of others' work.*

Personal and relational qualities

PHASE 1 **Analysis, synthesis and critical thinking**

Analysis, synthesis, and critical thinking are essential in any academic research activity.

- *Analyzes his own findings and those of his peers.*
- *Is able to synthesize; expresses key ideas clearly.*
- *Can sort and rank information according to the goal.*
- *Pursues his reasoning and hypotheses free of dogmatism or ideological bias.*
- *Has the objectivity to consider various schools of thought; is able to modify his point of view.*
- *Demonstrates intellectual rigor.*

PHASE 1 **Open-mindedness and creativity**

- *Demonstrates an ability to acquire knowledge; shows flexibility and open-mindedness. Engages in interdisciplinary activities.*
- *Possesses a constructive style of questioning and scientific doubt.*
- *Develops, takes ownership of and tests new ideas; is clever; seizes opportunities.*
- *Interacts with and seeks the collaboration of professionals of different cultures; knows how to accommodate cultural differences.*