

## Thesis topic #1 (Ph.D or Doctoral thesis)

### General information

#### Required information

- CV + lettre de motivation / CV and motivation letter
- Relevés de notes (L1, L2, L3) / Academic transcript (L1, L2, L3)
- Diplôme de Master ou équivalent / Master degree
- Lettres de recommandation (2) / Recommendation letters (2)

#### Specific information

- **Domaine / Domain** : Informatique (Computer Science)
- **Directeur(s) de thèse / Supervisor(s)** : Yahya Slimani, Emeritus Professor
  - [yahya.slimani@fst.rnu.tn](mailto:yahya.slimani@fst.rnu.tn)
  - [yahya.slimani@gmail.com](mailto:yahya.slimani@gmail.com)
  - <https://www.yahya-slimani.net/>
- **University**: Manouba university (Tunisia) <http://www.uma.rnu.tn>
- **Doctoral school: STICODE**: <http://www.sticode.rnu.tn/>
- **Research group: JARIR** (<http://www.jarir.tn/> )
- **Key words**: Social network, Multidimensional community discovering in heterogeneous social networks, Machine Learning in Social Networks: Embedding Nodes, Edges, Communities, and Graphs, Community discovery and behavior prediction in online social networks employing node centrality, Discovering communities from disjoint complex networks

## Thesis topic #2 (Ph.D or Doctoral thesis)

### General information

#### Required information

- CV + lettre de motivation / CV and motivation letter
- Relevés de notes (L1, L2, L3) / Academic transcript (L1, L2, L3)
- Diplôme de Master ou équivalent / Master degree
- Lettres de recommandation (2) / Recommendation letters (2)

#### Specific information

- **Domaine / Domain** : Informatique (Computer Science)
- **Directeur(s) de thèse / Supervisor(s)** : Yahya Slimani, Emeritus Professor
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- **University**: Manouba university (Tunisia) <http://www.uma.rnu.tn>
- **Doctoral school: STICODE**: <http://www.sticode.rnu.tn/>
- **Research group: JARIR** (<http://www.jarir.tn/> )
- **Key words**: Social media, Sentiment analysis, NLP and sentiment analysis, Emotion recognition, Datasets for sentiment analysis, Vulgar and violence words in social media, ML and tweet analysis, Sentiment prediction

## Thesis topic #3 (Ph.D or Doctoral thesis)

### General information

#### Required information

- CV + lettre de motivation / CV and motivation letter
- Relevés de notes (L1, L2, L3) / Academic transcript (L1, L2, L3)
- Diplôme de Master ou équivalent / Master degree
- Lettres de recommandation (2) / Recommendation letters (2)

#### Specific information

- **Domaine / Domain** : Informatique (Computer Science)
- **Directeur(s) de thèse / Supervisor(s)** : Yahya Slimani, Emeritus Professor
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- **University**: Manouba university (Tunisia) <http://www.uma.rnu.tn>
- **Doctoral school: STICODE**: <http://www.sticode.rnu.tn/>
- **Research group: JARIR** (<http://www.jarir.tn/> )
- **Key words**: Social network, Social media, Information credibility on social media, Evaluation of the credibility of social media,