

# Computer-aided diagnosis for excluding active tuberculosis in contacts of pulmonary tuberculosis patients: breaking the transmission chain

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# Summary

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- Who am I?
- Infrastructure
- Perspectives

# Who am I?

- Professor of the **Departament of Automation** (DAT/UFLA)

- Coordinator of the Research Group

AIA (*Artificial Intelligence and Automation*)

<http://www.aia.ufla.br/>

- Coordinator of the Master of Science in **Systems and Automation Engineering** (PPGESISA)



# Infrastructure UFLA/PPGESISA

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- **Data Processing Laboratory I – LPDI**
  - Maximum of 12 students
- **Data Processing Laboratory II – LPDII**
  - Maximum of 33 students
- They have **good computers** to be used for complex simulations related to the Project

# Perspectives

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- **Increasing and improve the quality of the group** from UFLA/PPGESISA
  - Cecília Aparecida Santos Silva
    - 3rd semester of the Graduation course (Automation and Control Engineering)
    - supervised by Danton Ferreira and Victor Ferraz
    - We hope selecting a Master of Science student from PPGESISA/UFLA to join us next year and maybe a graduation student
- **Goal:** developing **ensemble structures** based on deep learning methods for the X-ray images

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Thank you!

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