## **Social DIVa: Decentralized Identity Validation for Social** Networks Leila Bahri **Amira Soliman**

**Online Identity Validation** 

How can OSN users establish authenticity of their online peers?

Goal Develop an identity validation mechanism that detects claimed and fake identities without disclosure of users' confidentialities.

## Requirements

**KTH**, Sweden

- 1. Privacy Preservation,
- Decentralized 2.
  - environment,
- Efficient community-3. aware validation,
- 4. Scalability

Approach Decentralized collaborative learning with limited view of the social network structure.

**Insubria**, Italy

## DIVa

- DIVa is a decentralized 1. identity validation model to extract the hidden dependencies among profile attributes.
- DIVa provides users with fine-2. grained community-based association rules better than





