

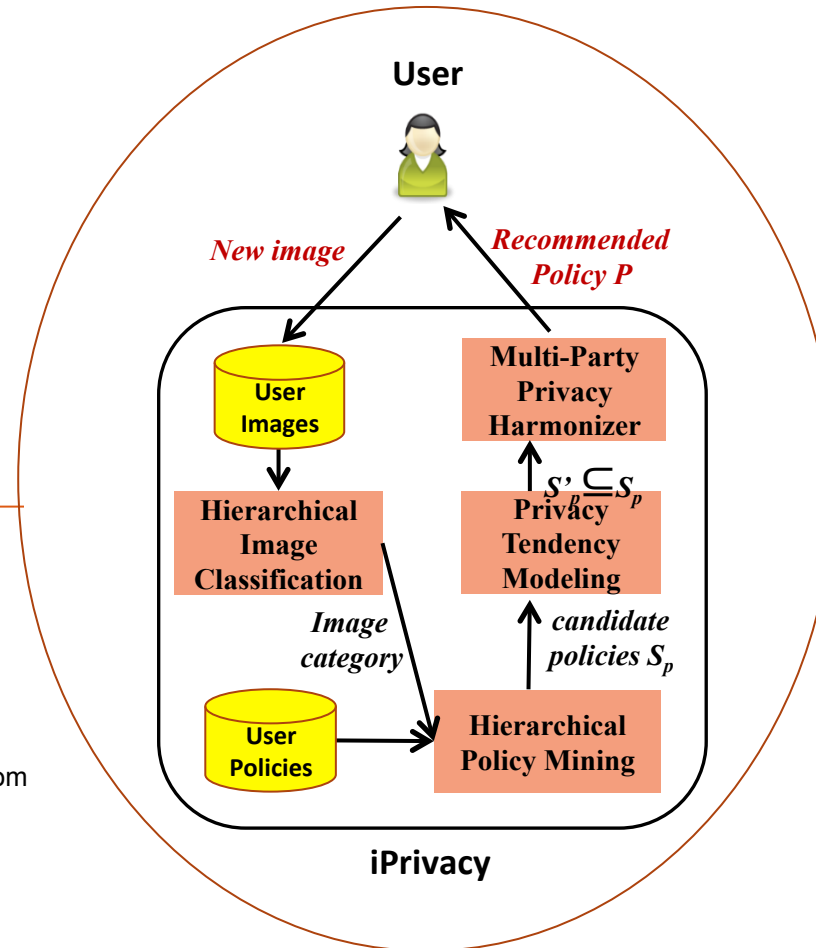
# iPrivacy: Automatic Recommendation of Personalized Privacy Settings for Image Sharing

## Challenge:

- Efficiently identify privacy sensitive objects in the large amount of images shared.
- Automatically recommend policies that harmonize the privacy concerns of multiple human subjects in the same image.

## Solution:

- Large-scale deep learning on images and privacy policies
- Multiple-party privacy negotiation
- Seamlessly integrate expertise from two different domains: image understanding and privacy management



## Scientific Impact:

- Automate the privacy configuration process by diving into image content analysis and users privacy preference evolution.
- Provide better understanding of collaborative privacy protection in the social society.

## Broader Impact:

- This project will address these rising privacy concerns of photo sharing in social sites and benefit billions of social network users.
- A range of educational activities will be carried out including curriculum development, professional training for students and cybersecurity camp for K-12 teachers, with emphasis to under-represented groups.

Award #: 1651455 and 1651166

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