

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

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## Challenges:

- 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.

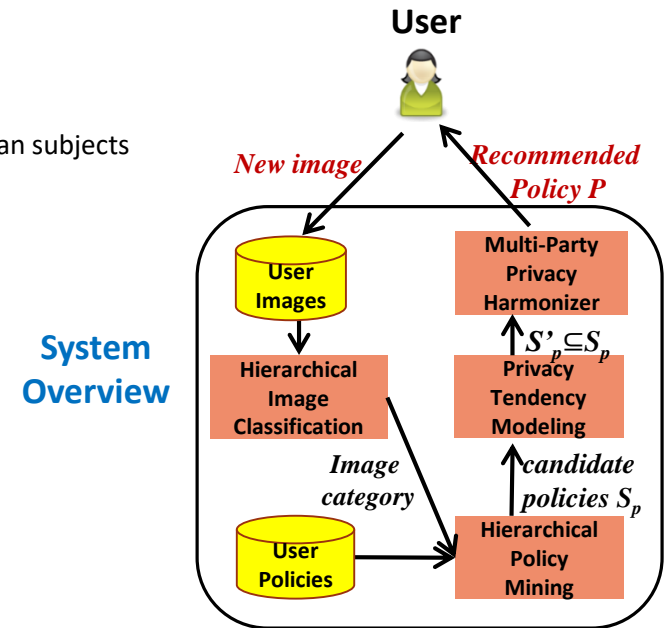


## Solutions:

- 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

## Broader Impacts:

- Address these rising privacy concerns of photo sharing in social sites and benefit billions of social network users.
- A range of educational activities: curriculum development, professional training for students, and cybersecurity camp for K-12 teachers, with emphasis to under-represented groups.



## Scientific Impacts:

- 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.