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SUBJECT: [SRC'19] Abstract Submission - Devendra Dhaked(IIT Kanpur), Manish Mathuria(IIT Kanpur), Surendra Yadav (IIsc Bangalore)

BODY:
Type: Oral Presentation
Title: User Identification over Digital Social Network using Fingerprint Authentication

Abstract: Today, the entire world of web communication is governed by Internet. Through internet data is transformed digitally. The main benefit of transferring the information digitally is that an authenticity is managed between both the sides (Sender & Receiver) for making a reliable transformation over the internet. The main role of security is concerned through this type of web communication. Now social networking sites are playing a vital role in our life for sharing our live events through different medias such as audios, Images and Video files etc. But the problem which is arise during the communication on social sites is: a pretender can easily access other's account information like picture or any other detail because on the social networking sites it is easy to copy. Now days, the question arises: "how to verify the user's real unique digital identity on the social network?"
In this research, the measure concern is about the security over the social networking sites. The proposed research work is the solution that can secure the privacy of a Digital Identity with the use of Digital Watermarking Technique. This method works on the concept of Digital Fingerprint .Where for watermark image Digital Fingerprint is used which is embedded in the original image using Watermarking technique discrete wavelet transform (DWT).

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