*** We apologize if you receive multiple copies of this CFP ***

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*                   Special Session on Video over Wireless
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*    IEEE Consumer Communications and Networking Conference 2006 (CCNC2006)
*
*                       Las Vegas, NV, USA
*                       January 7-10, 2006
*                       http://www.ieee-ccnc.org/2006/
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Scope

The rapid growth in wireless video applications, such as video streaming, video telephony and wireless video games, has resulted in spectacular strides in the progress of wireless communication systems. However, the high error rates of wireless channels and the stringent energy constraints of mobile devices still pose significant barriers in the deployment of wireless video applications.

This special session will provide an excellent forum for experts working in this area to join each other for a discussion of various important issues concerning video over wireless networks. The forum aims at increasing the synergy between academic and industry professionals specializing in this area. The submitted papers should focus on the state-of-the-art research in various important aspects of the emerging technologies and standards related to video coding and transmission over wireless networks. Topics of interest include, but are not limited to:
* Advanced video coding algorithms
* Advanced error resilience and concealment algorithms for wireless video
* Video quality assessment for wireless communications
* Rate control for wireless video
* Joint source-channel coding for wireless video
* Energy-efficient wireless video coding, scheduling, transmission, and playback
* Cross-layer wireless video communication protocol, system design, and optimization
* QoS issues for wireless video
* New video applications over 3G/4G wireless systems
* New wireless multimedia protocols and standards
* Scalable and multiple description video coding and transmission
* Wireless video traffic modeling
* Wireless video streaming and synchronization
* Wireless video sensor networks?

Important Dates:
Paper submission deadline: August 29, 2005
Notification of acceptance: September 30, 2005
Camera-ready version due: October 14, 2005

Session Co-Organizers:

Fan Zhai, Texas Instruments
Haohong Wang, Qualcomm Inc.
Wenjun Zeng, University of Missouri-Columbia

Submission Instructions:

Prospective authors are invited to submit regular technical papers or position papers. The position papers should present novel technologies at an early stage of development or share future vision. All the submissions should describe original, previously unpublished research, not currently under review by any other conference or journal. Manuscripts should not exceed 5 pages in double-column IEEE format. Please submit the paper through EDAS and send a notice to fzhai@ti.com.

1. Log on to http://edas.info and click on "go to the current list of conferences and special issues"
2. Look under Accepting Submissions. Click on CCNC2006 IEEE Consumer Communications and Networking Conference. You will be directed to the paper submission page titled "EDAS: IEEE Consumer Communications and Networking Conference".
3. On the paper submission page, you will find a list of tracks/sessions. Choose "CCNC2006 Special session technical papers" and click on the corresponding "submit paper" button.
4. Fill in the submission form.
5. Select "Video over Wireless" from Track pull down at the bottom of the submission form.
6. Click on the 'Submit' button.
7. Upload your paper.
8. Send an email notification to fzhai@ti.com.

All submitted papers will be rigorously reviewed. They will be judged with respect to their quality, originality, and relevance. Authors of outstanding papers will be invited to submit an extended version of their papers to a special issue of the Journal of Wireless Communications and Mobile Computing on "Video Communications for 4G Wireless Systems" (http://www.ece.northwestern.edu/~haohong/wcmc/index.html).