

Date: Sun, 26 Feb 2006 23:09:55 -0700  
From: Thomas Lee <thomas.cm.lee@gmail.com>  
To: C. Alex Young <young@grace.nascom.nasa.gov>  
Cc: Vinay L. Kashyap <kashyap@head.cfa.harvard.edu>, dvd@ics.uci.edu,  
willett@duke.edu  
Subject: Re: Solar Topic

Hello all,

Please find attached some \*preliminary\* results that I have with the magnetogram images. I was hoping to extract some features that human classification are based upon. I don't know if I was doing something sensible so I guess I would need to talk to Alex and other people about that.

Cheers,

Thomas

On 2/21/06, C. Alex Young <young@grace.nascom.nasa.gov> wrote:  
> Cool. I put some papers online from a special topic issue on solar image  
> processing from a workshop we organized in MD a few years ago.  
> <http://sirius.nascom.nasa.gov:16080/~cay/Research/SAMSI-SaFDe/papers/>

>  
> Alex

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> #####  
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> Building 26 Room G-1 (301) 286 0264 (fax)  
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> web:<http://sirius.nascom.nasa.gov/~cay>

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> On Feb 22, 2006, at 8:26 AM, Vinay L. Kashyap wrote:

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> I haven't seen the data, but I was at the HMI/AIA Science Teams  
> meeting last week, and there was a session on feature detection  
> there, organized by Marcus Aschwanden. I came away with a couple  
> of references --

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> the Solar Features Catalog  
> <http://solar.inf.brad.ac.uk/>

>  
> Zharkov, Zharkova, & Ipson, 2005, Sol.Phys., 228, 377, "Statistical  
> Properties Of Sunspots In 1996-2004: I. Detection, North-South  
> Asymmetry And Area Distribution"  
> [http://adsabs.harvard.edu/cgi-bin/nph-bib\\_query?bibcode=2005SoPh..228..377Z](http://adsabs.harvard.edu/cgi-bin/nph-bib_query?bibcode=2005SoPh..228..377Z)

>  
> Fuller, Aboudarham, & Bentley, 2005, Sol.Phys., 227, 61, "Filament  
> Recognition and Image Cleaning on Meudon Halphalpha Spectroheliograms"  
> [http://adsabs.harvard.edu/cgi-bin/nph-bib\\_query?bibcode=2005SoPh..227...61F](http://adsabs.harvard.edu/cgi-bin/nph-bib_query?bibcode=2005SoPh..227...61F)

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> Bewsher, Parnell, & Harrison, 2002, Sol.Phys., 206, 21, "Transition Region  
> Blinkers - I. Quiet-Sun Properties"  
> [http://adsabs.harvard.edu/cgi-bin/nph-bib\\_query?bibcode=2002SoPh..206...21B](http://adsabs.harvard.edu/cgi-bin/nph-bib_query?bibcode=2002SoPh..206...21B)  
>  
> Aschwanden, et al., 2000, ApJ, 535, 1047, "Time Variability of the ``Quiet"  
> Sun Observed with TRACE. I. Instrumental Effects, Event Detection,  
> and Discrimination of Extreme-Ultraviolet Microflares"  
> [http://adsabs.harvard.edu/cgi-bin/nph-bib\\_query?bibcode=2000ApJ...535.1027A](http://adsabs.harvard.edu/cgi-bin/nph-bib_query?bibcode=2000ApJ...535.1027A)  
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> From dvd@ics.uci.edu Tue Feb 21 18:48:12 2006  
>  
> Hello!  
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> I included the solar imaging topic on next week's tentative agenda. Let  
> me know if you think this is a good idea! E.g., did anyone get to play  
> with the data and have results that they'd like to discuss with the group?  
>  
> David  
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