



Dawn Erb UWM



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John Chisholm UCSC



DICK HENRY UOK



Evan Skillman <u>UMN</u>



GRACE OLIVIER OSU

NOT PICTURED: MATT AUGER CAMBRIDGE



HOW DO ANALOGS HELP US LEARN ABOUT THE EPOCH OF REIONIZATION (EOR)?







Z~O EOR ANALOGS ALLOW US TO STUDY CONDITIONS WITH HIGH-IONIZATION UV EMISSION LINES:

REST-FRAME UV OBSERVATIONS OF LOCAL DWARF GALAXIES W/ HST COS

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Danielle A. Berg

THE OHIO STATE UNIVERSITY

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SIGNIFICANT O III] AND C III] DETECTIONS IN 19 GALAXIES



























MANY SERENDIPITOUS C IV AND HE II DETECTIONS!



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MANY SERENDIPITOUS HE II AND C IV DETECTIONS!



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MEGASAURA SURVEY RIGBY+18





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J104457: BOTH CIV LINES ARE WELL FIT BY A DOUBLE GAUSSIAN NARROW PEAK SEPARATION INDICATES POSSIBLE ESCAPE OF

DOMINANT RED PEAK INDICATES SOME OUTFLOWS, SIMILAR TO ABSORPTION PROFILES

HIGH-ENERGY PHOTONS?

J141851: Also double-peaked, with narrow peak separations

DOMINANT BLUE PEAK INDICATES SOME INFLOWS



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EXTREME UV EMISSION-LINE GALAXIES AT LOW AND INTERMEDIATE REDSHIFTS MAY SERVE AS GOOD EOR ERA ANALOGUES



SUMMARY: EXTREME UV EMISSION-LINE GALAXIES AT LOW AND INTERMEDIATE REDSHIFTS INFORM EOR



