

ENEE 303H Fall 2015 10/29/15
Paper Choices

Name/Paper	Chosen Watch Topic Presentation #	presentation Dates	Commentating dates
Anzaldi, Vincent James	Microcontroller - chip/circuitry #10	Tu 11/17/15 a) Th 12/03/15 b)	Tu 11/19/15 a) Th 12/03/15 a)
Paul W. Cooper, "The U.S. Army Signal Corps' "Dick Tracy" Transistor Wrist Radio (1953), Proceedings of the IEEE, Vol. 86, No. 1, January 1998, pp. 163 - 169.			
Blanton, Richard Lee	LCD Driver #1	Tu 11/19/15 a) Th 12/03/15 c)	Th 11/12/15 d) Tu 12/01/15 c)
Hans R. Camenzind, "Redesigning the old 555," IEEE Spectrum, September 1997, pp. 80 - 85.			
Boyer, Colton Edward	Pressure sensor #4	Tu 11/17/15 c) Th 11/19/15 c)	Th 11/12/15 c) Tu 11/24/15 b)
J. Doyle, Young Jun Lee, Yong-bin Kim, H. Wilsch, and F. Lombardi, "A CMOS Subbandgap Reference Circuit with 1-V Power Supply Voltage," IEEE Journal of Solid-State Circuits, Vol. 39, No. 1, January 2004, pp. 252 - 255.			
Fisher, Stephen Austin	Clock oscillator Circuit #3	Tu 11/17/15 a) Th 12/03/15 a)	Tu 11/17/15 b) Th 12/03/15 c)
Wu Chen, Xu Zhu, Guangjiang Wang, and Gangyao Wang, "A New Double Frequency Dimmer for Lighting Device," Proceedings of the Conference on ???, 2013, pp. 4655 - 4658.			
Homble, Julien Jing	Power Supply circuits #8	Th 11/12/15 d) Tu 12/01/15 c)	Tu 11/17/15 a) Th 12/03/15 b)
Biswarup Mukheerjee, Biplab Roy, Arindam Biswas, and Aniruddha Ghosal, "Design of a Low Power 4x4 Multiplier Based on Five Transistor (5-T) Half Adder, Eight Transistor (8-T) Full Adder & Two Transistor (2-T) AND Gate," Proceedings of the Conference on ??? 2015, pp. ??? (5 pp).			
Lathrop, Emily Megan	Buzzer #7	Tu 11/19/15 b) Tu 12/01/15 a)	Tu 11/17/15 c) Tu 12/01/15 b)
Cosmin Popa, "Improved Linearity CMOS Active Resistor Structure," Proceedings of EuroCon 2013, Zagreb, Croatia, pp. 1938 - 1941.			
Ledwell, James John	Antenna #6	Th 11/12/15 b) Tu 11/24/15 a)	Tu 11/17/15 d) Tu 11/24/15 c)
Min Tan and Wing-Hung Ki, "A Cascode Miller-Compensated Three-Stage Amplifier with Local Impedance Attenuation for Optimized Complex-Pole Control," IEEE Journal of Solid-State Circuits, Vol. 50, No. 2, February 2015, pp. 440 - 449.			
McNaney, Connor Xavier	Temperature sensor #9	Th 11/12/15 c) Tu 11/24/15 b)	Th 11/12/15 a) Th 11/19/15 c)
Y. Berg, O. Mirmotahari, and S. Aunet, "Ultra Low Voltage AND, NOR and XOR CMOS Gates," Proceedings of the IEEE Conference on ???, 2008, pp. 846 - 849.			
Patel, Chintan Ajaykumar	Acceleration sensor #5	Th 11/12/15 a) Tu 11/24/15 c)	Th 11/12/15 b) Tu 12/01/15 a)
Kennith K. O, Joseph J. Lutsky, Rafael L. Reif, and Hae-Seung Lee, "An NMOS Input Merged Bipolar /Sidewall-MOS Transistor with a Bypass Sidewall MOS Transistor (NBiBMOS Transistor), IEEE Electron Device Letters, Vol. 13, No. 11, November 1992, pp. 563 - 565.			
Stewart-Height, Abriana	LCD display #2	Tu 11/17/15 d) Tu 12/01/15 b)	Tu 11/19/15 b) Tu 11/24/15 a)
Lars Keuninckx, Guy Van der Sande, and Jan Danckaert, "Simple Two-Transistor Single- Supply Resistor-Capacitor Chaotic Oscillator," IEEE Transactions on Circuits and Systems II: Express Briefs, Vol. 62, No. 9, September 2015, pp. 891 - 895.			

Number of students = 10