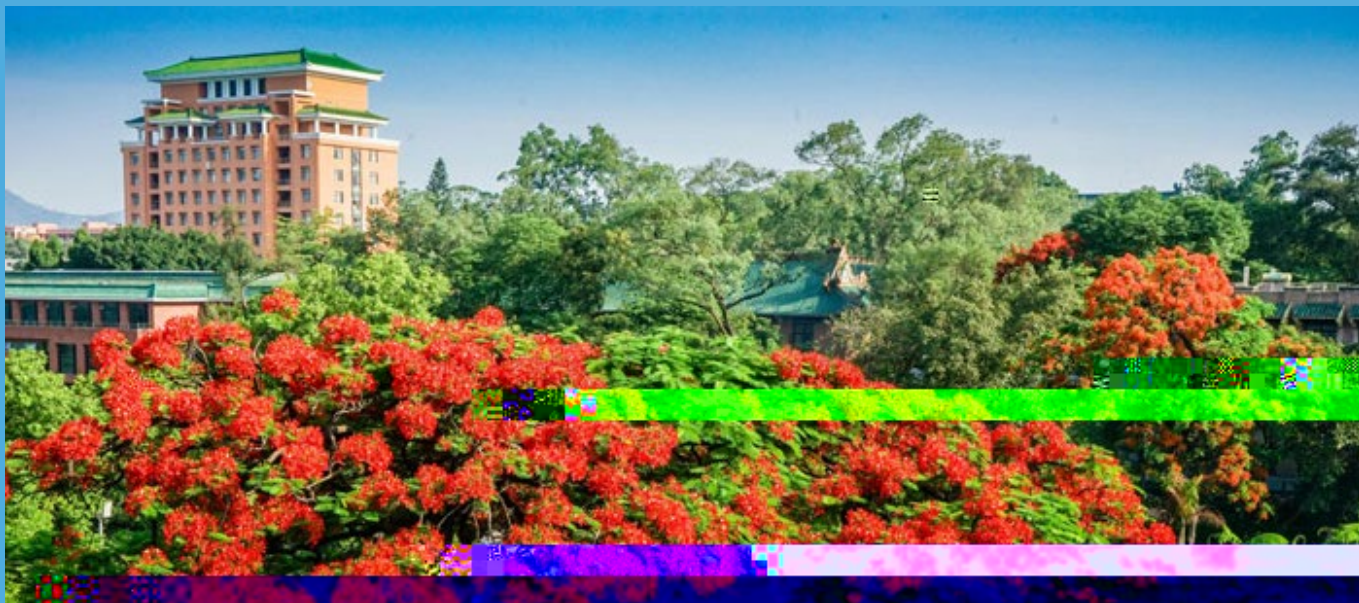




SCUT Newsletter



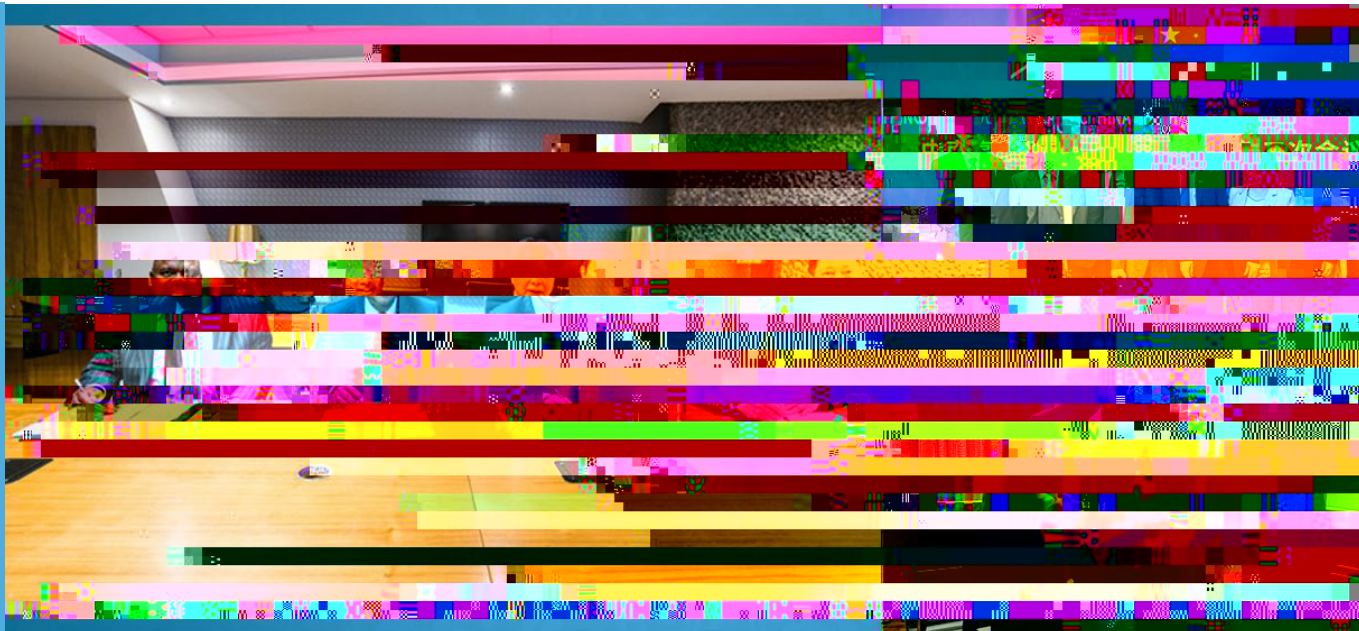
substitutes as well as high laser power. For instance, green crystals and even coatings on analogs to some green gemstones.
IWERS successfully identified weak but key Raman peaks, which were masked by strong fluorescence. It suggests that IWERS is a
promising tool for characterizations in the fields of archaeology, planetary science, biomedicine, and so on.

1. Analytical and Testing Center of South China University of Technology (SCUT) and other
Institutes Propose an Original Enhancement Method for Raman Spectroscopy

2Q -DQXDUI\ D SD SDFV LQGHQ KDQFHG 5DPDQ 6SHFWURVFRSI
6XEVWZDWHSXEOLVKHG LQ \$QDOIWLFDQ &KHPDQWLFDQOFRKBLQMMW
DXWKRU DQG FRUUHVSRQGLQJ DXWKRU RI WKH SDSHU LV /LDQJ 4LQ
DQG 7HVWLQJ &HQWHU ZLWK FR FRUUHVSRQGLQJ DXWKRUV 3URI *

underlying the Balance Control of the Proliferation and Angioblast Differentiation of Arch Artery Progenitor Cells

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3. SCUT Attends Third Meeting of China-South Africa High-level People-to-People Exchange Mechanism and Signs Cooperation Agreements

2Q)HEUXDU\ WKH WKLUG PHHWLQJ RI &KLQD 6RXWK \$IULFD +
0HFKDQLVP ZDV KHOG LQ &DSH 7RZQ 6RXWK \$IULFD 6&87 3DUW\ 6
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\RXWK H[FKDQJHV DERYH DOO DUH DQ LPSRUWDQW SDUW RI SH
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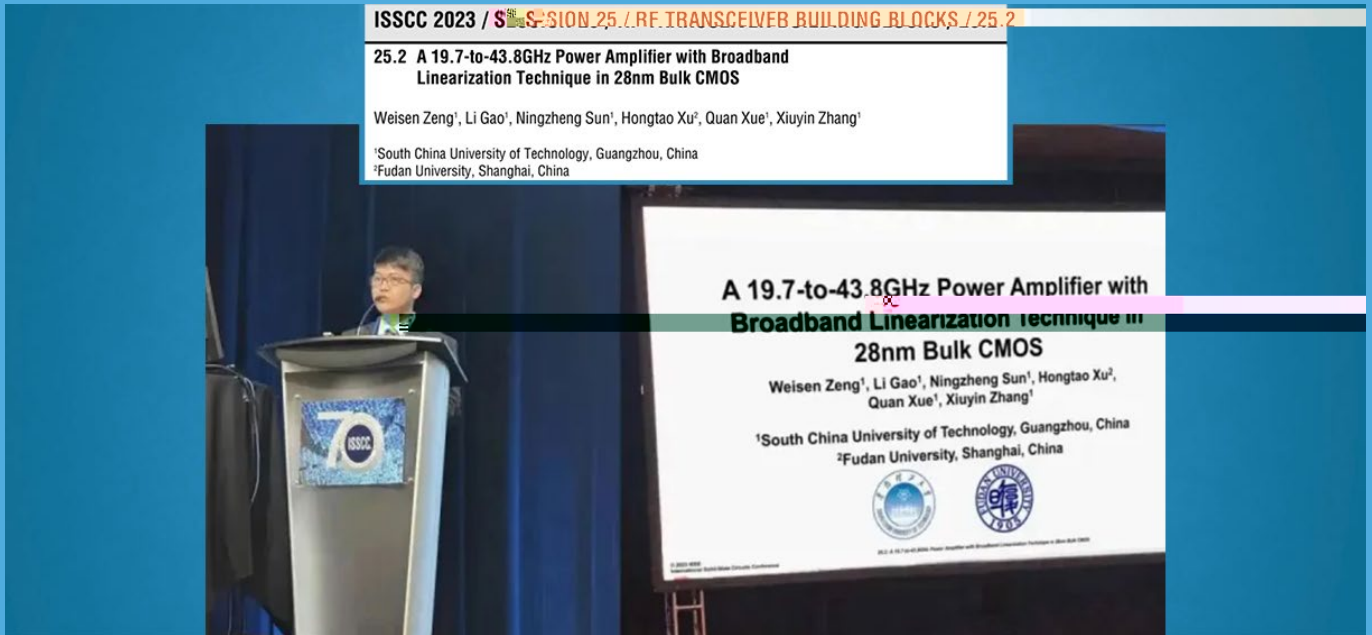
4. SCUT Professors Win IEEE Award for Contributions to International Standards

IEEE

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P2781 Guide for Load Modeling and Simulations for Power Systems.

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5. SCUT's Research Output on RF Chip Presented at Top-level Conference on Integrated Circuits

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)HEUXDU\ WR D UHVHDFK WHDP OHG E\ 3URI ;LX\LQ =KDJ
,QIRUPDWLRQ (QJLQHULQJ 6&87 SUH 19.7-43.8GHz Power Amplifier with
Broadband Linearization Technique in 28nm Bulk CMOS. 7KH SUHVHQDWLRQ ZDV PD
FRQIHUHQFH E\ 3K ' VWXGHQW :HLVHQ =HQJ DV WKH ILUVW DXW
FRUUHVSRQG LQJ DXWKRU 7KLV LV WKH ILUVW WLPH WKDW D SDSHU
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OLQHDULJDWLRQ WHFKQLTXH LV SURSRVHG 7KHQ D *+] XOW
LV UHDOLJHG LQ QP %XON &026 7KH SRZHU DPSOLILHU HQDEOHV



6. Singaporean Prime Minister Lee Hsien Loong Visits China-Singapore International Joint Research Institute

2Q 0DUFK 6LQJDSRUHDQ 3ULPH 0LQLVWHU /HH +VLHQ /RRQJ SD ,QWHUQDWLRQDO -RLQW 5HVHDFK ,QVWLWXWH &6,-5, ZKLFK ZDV 8QLYHUVLW\ 178 6RXWK &KLQD 8QLYHUVLW\ RI 7HFKQRORJ\ 6& .QRZOHGJH &LW\ &6*.&

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