UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 **SCHEDULE 14A Proxy Statement Pursuant to** Section 14(a) of the Securities Exchange Act of 1934 (Amendment No. 1)

Filed by the Registrant ⊠

Check the appropriate box:

- Preliminary Proxy Statement
- Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))
- **Definitive Proxy Statement**
- X Definitive Additional Materials
- Soliciting Material Pursuant to §240.14a-12



ACM Research, Inc.

(Name of Registrant as Specified In Its Charter)

Payment of Filing Fee (Check the appropriate box):

No fee required. \times

- Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.
 - Title of each class of securities to which transaction applies: (1)
 - Aggregate number of securities to which transaction applies: (2)
 - (3)Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):
 - (4) Proposed maximum aggregate value of transaction:
 - Total fee paid: (5)

Fee paid previously with preliminary materials.

Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing. Amount Previously Paid: (1)

- Form, Schedule or Registration Statement No.: (2)
- Filing Party: (3)
- Date Filed: (4)

Filed by a Party other than the Registrant \Box



SUPPLEMENT TO PROXY STATEMENT For 2022 Annual Meeting of Stockholders to be Held on June 30, 2022

The following information relates to the proxy statement of ACM Research, Inc. filed with the Securities and Exchange Commission on May 20, 2022, or the Proxy Statement, in connection with the 2022 Annual Meeting of Stockholders, or the Annual Meeting, to be held via live audio webcast on June 30, 2022 at 7:00 a.m., Pacific time.

The information in this Supplement modifies and supersedes any inconsistent information contained in, or filed with, the Proxy Statement. We urge you to read this Supplement, together with the Proxy Statement, carefully.

EXPLANATORY STATEMENT

Due to a printer error, an incorrect proxy card accompanied the Proxy Statement when filed with the Securities and Exchange Commission. The proxy card presented on the following page replaces the incorrect proxy card previously filed with the Proxy Statement. This Supplement does not reflect any other events occurring after the date of the Proxy Statement or modify or update disclosures that may have been affected by subsequent events. From and after the date of this Supplement, any references to the "proxy card" in the Proxy Statement or other proxy materials for the Annual Meeting are to the proxy card being filed with this Supplement.

The board of directors recommends a vote in favor of all proposals set forth in the accompanying proxy card.

If you have already voted by means other than the proxy card that accompanied the Proxy Statement as filed with the Securities and Exchange Commission on May 20, 2022, you do not need to vote again unless you would like to change your prior vote on any proposal. If you have already properly submitted your proxy and would like to change your vote, you may revoke your proxy before it is voted at the Annual Meeting by:

- voting via the Internet or telephone at a later time;
- submitting a completed and signed proxy card in the form accompanying this Supplement;
- sending a timely written notice that you are revoking your proxy to our Corporate Secretary at ACM Research, Inc., 42307 Osgood Road, Suite I, Fremont, California 94539; or
- voting via the Internet at the Annual Meeting (simply attending the Annual Meeting will not, by itself, revoke your proxy).

Your most current proxy card or telephone or Internet proxy is the one that is counted. If your shares are held by your broker or bank as a nominee or agent, you should follow the instructions provided by your broker or bank.

Important Notice Regarding the Availability of Proxy Materials for the Annual Meeting of Stockholders to be Held on June 30, 2022 at www.virtualshareholdermeeting.com/ACMR2022: The Proxy Statement, as amended by this Supplement, our form of proxy card and our 2021 Annual Report to Stockholders are available in the "Investors" section of our website at www.acmrcsh.com and with our current proxy materials at www.proxyvote.com.

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ACM RESEARCH, INC. 42307 OSGOOD ROAD, SUITE I FREMONT, CA 94539



VOTE BY INTERNET - www.proxyvote.com or scan the QR Barcode above Use the internet to transmit your voting instructions and for electronic delivery of information up until 11:59 p.m., Eastern Time, on June 29, 2022. Have your proxy card in hand when you access the web site and follow the instructions to obtain your records and to create an electronic voting instruction form. During The Meeting - Go to <u>www.virtualshareholdermeeting.com/ACMR2022</u> You may attend the meeting via the internet and vode during the meeting. Have the information that is printed in the box marked by the arrow available and follow the instructions. VOTE BY PHONE - 1-800-630-630.

VOTE BY PHONE - 1-800-690-6903 Use any touch-tone telephone to transmit your voting instructions up until 11:59 p.m., Eastern Time, on June 29, 2022. Have your proxy card in hand when you call and then follow the instructions.

VOTE BY MAIL Mark, sign and date your proxy card and return it in the postage-paid envelope we have provided or return it to Vote Processing, c/o Broadridge, 51 Mercedes Way, Edgewood, NY 11717.

TO VOTE, MARK BLOCKS BELOW IN BLUE OR BLACK INK AS FOLLOWS:

KEEP THIS PORTION FOR YOUR RECORDS

TH	IS PROXY	CARD	IS	VALID	ONLY	WHEN	SIGNED	AND	DATED.	DETACH AN	D RETURN THIS PO	RTION ON
The Board of Directors recommends you vot each of the following:	te FOR										-	
1. Election of Directors												
Nominees		For		Withh	bld							
1a. Haiping Dun		Ο		0								
1b. Chenning C. Hu		Ο		0								
1c. Tracy Liu		Ο		0								
1d. David H. Wang		0		0								
1e. Xiao Xing		0		0								
The Board of Directors recommends you vot the following proposal:	te FOR	For	Agains	t Absta	in							
 Ratification of appointment of Armani independent auditor for 2022. 	ino LLP as	0	O	0								
NOTE: Such other business as may properly before the meeting or any adjournment the	/come ereof.											
Please sign exactly as your name(s) appea attorney, executor, administrator, or oth title as such. Joint owners should each a sign. If a corporation or partnership, pl partnership name by authorized officer.	ar(s) hereon. her fiduciary sign personal lease sign in	When si , please ly. All full co	gning give holder rporat	as full s must e or								
Signature (PLEASE SIGN WITHIN BOX)	Date					4	(Joint Own			Date	-	

Important Notice Regarding the Availability of Proxy Materials for the Annual Meeting:

The Notice and Proxy Statement and Annual Report are available at www.proxyvote.com

ACM RESEARCH, INC. Annual Meeting of Stockholders June 30, 2022 7:00 A.M. PT This proxy is solicited by the Board of Directors

The stockholder(s) hereby appoint(s) David H. Wang and Mark A. McKechnie, or either of them, as proxies, each with the power to appoint his substitute, and hereby authorize(s) them to represent and to vote, as designated on the reverse side of this ballot, all of the shares of stock of ACM RESEARCH, INC. that the stockholder(s) is/are entitled to vote at the Annual Meeting of Stockholders to be held at 7:00 A.M., Pacific time on June 30, 2022, at the virtual only-meeting, and any adjournment or postponement thereof.

This proxy, when properly executed, will be voted in the manner directed herein. If no such direction is made, this proxy will be voted in accordance with the Board of Directors' recommendations.

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Continued and to be signed on reverse side