

CORRIGENDUM TO E-AUCTION SALE NOTICE

Sale of Immovable Property of Porpoise Realtors Private Limited (in Liquidation)

This corrigendum is hereby issued to the public in general and all interested bidders under the provisions of Insolvency and Bankruptcy Code, 2016 read with IBBI (Liquidation Process) Regulations, 2016, that the auction date for the sale of properties of the Corporate Debtor under the liquidation process, initially scheduled for October 25, 2024, which was mentioned in the auction notice dated September 28, 2024, has been rescheduled. **The new date for the auction is October 29, 2024, and the auction notice dated September 28, 2024, shall be read accordingly.**

All other terms and conditions mentioned in the auction notice dated September 28, 2024, remain unchanged.

S/d-

Prakul Thadi

Liquidator of Porpoise Realtors Private Limited

Reg. No.: IBBI/IPA-002/IP-N01149/2021-2022/13806

Date: October 15, 2024

Place: Hyderabad



IT matters

Paving way for new lasers & LEDs

Researchers have developed and demonstrated a technique that allows them to engineer a class of materials called layered hybrid perovskites (LHPs) down to the atomic level, which dictates precisely how the materials convert electrical charge into light. The technique opens the door to engineering materials tailored for use in next-generation printed LEDs and lasers - and holds promise for engineering other materials for use in photovoltaic devices.

Perovskites, which are defined by their crystal-line structure, have desirable optical, electronic and quantum properties. LHPs consist of incredibly thin sheets of perovskite semiconductor material that are separated from each other by thin organic "spacer" layers. LHPs can be laid down as thin films consisting of multiple sheets of perovskite and organic spacer layers. These materials are desirable because they can efficiently convert electrical charge into light, making them promising for use in next-generation LEDs, lasers and photonic integrated circuits.

However, while LHPs



have been of interest to the research community for years, there was little understanding of how to engineer these materials in order to control their performance characteristics. To understand what the researchers discovered, you have to start with quantum wells, which are sheets of semiconductor material sandwiched between spacer layers. "We knew quantum wells were forming in LHPs - they're the layers," says Aram Amassian, corresponding author of a paper on the work and a professor of materials science and engineering at North Carolina State University. And understanding the size distribution of quantum wells is important because energy flows from high-energy structures to low-energy structures at the molecular level. "A quantum well that is two atoms thick has higher energy than a quantum well that is five atoms thick," says Kenan Gundogdu, co-author of the paper and a professor of physics at NC State. "And in order to get energy to flow efficiently, you want to have quantum wells that are three and

four atoms thick between the quantum wells that are two and five atoms thick. You basically want to have a gradual slope that the energy can cascade down." "But people studying LHPs kept running into an anomaly: the size distribution of quantum wells in an LHP sample that could be detected via X-ray diffraction would be different than the size distribution of quantum wells that could be detected using optical spectroscopy," Amassian says. "For example, diffraction might tell you that your quantum wells are two atoms thick, as well as there being a three-dimensional bulk crystal," Amassian says. "But spectroscopy might tell you that you have quantum wells that are two atoms, three atoms, and four atoms thick, as well as the 3D bulk phase. "So, the first question we had was: why are we seeing this fundamental disconnect between X-ray diffraction and optical spectroscopy? And our second question was: how can we control the size and distribution of quantum wells in LHPs?" Through a series of experiments the researchers discovered that there was a key player involved in answering both questions: nanoplates. "Nanoplates are individual sheets of the

Pegatron showcases 5G network innovations

Pegatron 5G, a provider of Open RAN (O-RAN) compliant products and 5G network solutions, is showcasing its latest innovations at India Mobile Congress (IMC) 2024, a key global event for mobile technology, being held in New Delhi from October 15 to 18. Pegatron 5G is committed to supporting India's growing 5G infrastructure and "Make in India" policy. At IMC 2024, we will unveil the PR1450 O-RU and Fronthaul Multiplexer (FHM), designed to provide innovative and cost effective in-building coverage for enterprise and public deployments. The PR1450 O-RU offers reliable indoor connectivity, while the FHM simplifies network configurations for efficient deployments. Both solutions provide flexibility and operational efficiency for various 5G environments. In addition to core networking products, Pegatron 5G offers a range of Customer Premises Equipment (CPE) and RedCap solutions tailored to the Indian market. These products enable seamless connectivity across industries, supporting diverse applications. We collaborate with global industry vendors, leveraging our expertise to deliver advanced solutions. At IMC 2024, we are demonstrating network in



a radio, energy efficiency functionality for small cells and displaying Pegatron 5G's innovative and cost effective 5G in-building coverage solution and 5G site infrastructure solution for different environments with our partners. We are open to collaborating with additional partners to provide cost effective and reliable 'Make in India' 5G solution for enterprise and public networks. "Pegatron 5G is providing 5G O-RAN private networks and AI application based solutions to optimize our factories throughout Asia and the rest of the world." CY Feng, General Manager of Pegatron BG6 Communication Products said, "we are excited to work with our Indian partner companies and invest in our new facility in Chennai, focused on communication products to support the 'Make in India' policy."

Math solutions to help future of comp science

A Rutgers University-New Brunswick professor who has devoted his career to resolving the mysteries of higher mathematics has solved two separate, fundamental problems that have perplexed mathematicians for decades. The solutions to these long-standing problems could further enhance our understanding of symmetries of structures and objects in nature and science, and of long-term behavior of various random processes arising in fields ranging from chemistry and physics to engineering, computer science and economics. Pham Tiep, the Joshua Barlaz Distinguished Professor of Mathematics in the Rutgers School of Arts and Science's Department of Mathematics, has completed a proof of the 1955 Height Zero Conjecture posed by Richard Brauer, a leading German-American mathematician who died in 1977. Proof of the conjecture - commonly viewed as one of the most outstanding challenges in a field of math known as the representation theory of finite groups - was published recently.

Math solutions to help future of comp science

A Rutgers University-New Brunswick professor who has devoted his career to resolving the mysteries of higher mathematics has solved two separate, fundamental problems that have perplexed mathematicians for decades. The solutions to these long-standing problems could further enhance our understanding of symmetries of structures and objects in nature and science, and of long-term behavior of various random processes arising in fields ranging from chemistry and physics to engineering, computer science and economics. Pham Tiep, the Joshua Barlaz Distinguished Professor of Mathematics in the Rutgers School of Arts and Science's Department of Mathematics, has completed a proof of the 1955 Height Zero Conjecture posed by Richard Brauer, a leading German-American mathematician who died in 1977. Proof of the conjecture - commonly viewed as one of the most outstanding challenges in a field of math known as the representation theory of finite groups - was published recently. "A conjecture is an idea that you believe has some validity," said Tiep, who has thought about the Brauer problem for most of his career and worked on it intensively for the past 10 years. "But conjectures have to be proven. I was hoping to advance the field. I never expected to be able to solve this one." In a sense, Tiep and his colleagues have been following a blueprint of challenges Brauer laid out for them in a series of mathematical conjectures posed and published in the 1950-60s. "Some mathematicians have this rare intellect," Tiep said of Brauer. "It's as though they came from another planet or from another world. They are capable of seeing hidden phenomena that others can't." In the second advance, Tiep solved a difficult problem in what is known as the Deligne-Lusztig theory, part of the foundational machinery of representation theory. The breakthrough touches on traces, an important feature of a rectangular array known as a matrix. The trace of a matrix is the sum of its diagonal elements. "Tiep's high-quality work and expertise on finite groups has allowed Rutgers to maintain its status as a top world-wide center in the subject," said Stephen Miller, a Distinguished Professor and Chair of the Department of Mathematics. "One of the great accomplishments in 20th century mathematics was the classification of the so-called but perhaps misleadingly named 'simple' finite groups, and it is synonymous with Rutgers - it was led from here and many of the most interesting examples were discovered here. Through his amazing stretch of strong work, Tiep brings international visibility to our department."

CORRIGENDUM TO E-AUCTION SALE NOTICE
 Sale of Immovable Property of Pristine Promoters Private Limited (In Liquidation)
 This corrigendum is hereby issued to the public in general and all interested bidders under the provisions of Insolvency and Bankruptcy Code, 2016 read with IBI (Liquidation Process) Regulations, 2016, that the auction date for the sale of properties of the Corporate Debtor under the liquidation process, initially scheduled for October 25, 2024, which was mentioned in the auction notice dated September 28, 2024, has been rescheduled. The new date for the auction is October 29, 2024, and the auction notice dated September 28, 2024, shall be read accordingly. All other terms and conditions mentioned in the auction notice dated September 28, 2024, remain unchanged.
 Sd/-
 Prakul Thadi
 Date: October 15, 2024
 Place: Hyderabad
 Liquidator of Pristine Promoters Private Limited
 Reg. No.: IBI/PA-002/IP-N01149/2021-2022/13806

CORRIGENDUM TO E-AUCTION SALE NOTICE
 Sale of Immovable Property of Shaft Promoters Private Limited (In Liquidation)
 This corrigendum is hereby issued to the public in general and all interested bidders under the provisions of Insolvency and Bankruptcy Code, 2016 read with IBI (Liquidation Process) Regulations, 2016, that the auction date for the sale of properties of the Corporate Debtor under the liquidation process, initially scheduled for October 25, 2024, which was mentioned in the auction notice dated September 28, 2024, has been rescheduled. The new date for the auction is October 29, 2024, and the auction notice dated September 28, 2024, shall be read accordingly. All other terms and conditions mentioned in the auction notice dated September 28, 2024, remain unchanged.
 Sd/-
 Prakul Thadi
 Date: October 15, 2024
 Place: Hyderabad
 Liquidator of Shaft Promoters Private Limited
 Reg. No.: IBI/PA-002/IP-N01149/2021-2022/13806

CORRIGENDUM TO E-AUCTION SALE NOTICE
 Sale of Immovable Property of Navigator Developers Private Limited (In Liquidation)
 This corrigendum is hereby issued to the public in general and all interested bidders under the provisions of Insolvency and Bankruptcy Code, 2016 read with IBI (Liquidation Process) Regulations, 2016, that the auction date for the sale of properties of the Corporate Debtor under the liquidation process, initially scheduled for October 25, 2024, which was mentioned in the auction notice dated September 28, 2024, has been rescheduled. The new date for the auction is October 29, 2024, and the auction notice dated September 28, 2024, shall be read accordingly. All other terms and conditions mentioned in the auction notice dated September 28, 2024, remain unchanged.
 Sd/-
 Prakul Thadi
 Date: October 15, 2024
 Place: Hyderabad
 Liquidator of Navigator Developers Private Limited
 Reg. No.: IBI/PA-002/IP-N01149/2021-2022/13806

CORRIGENDUM TO E-AUCTION SALE NOTICE
 Sale of Immovable Property of Navigator Creators Private Limited (In Liquidation)
 This corrigendum is hereby issued to the public in general and all interested bidders under the provisions of Insolvency and Bankruptcy Code, 2016 read with IBI (Liquidation Process) Regulations, 2016, that the auction date for the sale of properties of the Corporate Debtor under the liquidation process, initially scheduled for October 25, 2024, which was mentioned in the auction notice dated September 28, 2024, has been rescheduled. The new date for the auction is October 29, 2024, and the auction notice dated September 28, 2024, shall be read accordingly. All other terms and conditions mentioned in the auction notice dated September 28, 2024, remain unchanged.
 Sd/-
 Prakul Thadi
 Date: October 15, 2024
 Place: Hyderabad
 Liquidator of Navigator Creators Private Limited
 Reg. No.: IBI/PA-002/IP-N01149/2021-2022/13806

CORRIGENDUM TO E-AUCTION SALE NOTICE
 Sale of Immovable Property of Dublin Promoters Private Limited (In Liquidation)
 This corrigendum is hereby issued to the public in general and all interested bidders under the provisions of Insolvency and Bankruptcy Code, 2016 read with IBI (Liquidation Process) Regulations, 2016, that the auction date for the sale of properties of the Corporate Debtor under the liquidation process, initially scheduled for October 25, 2024, which was mentioned in the auction notice dated September 28, 2024, has been rescheduled. The new date for the auction is October 29, 2024, and the auction notice dated September 28, 2024, shall be read accordingly. All other terms and conditions mentioned in the auction notice dated September 28, 2024, remain unchanged.
 Sd/-
 Prakul Thadi
 Date: October 15, 2024
 Place: Hyderabad
 Liquidator of Dublin Promoters Private Limited
 Reg. No.: IBI/PA-002/IP-N01149/2021-2022/13806

CORRIGENDUM TO E-AUCTION SALE NOTICE
 Sale of Immovable Property of Seastar Realtors Private Limited (In Liquidation)
 This corrigendum is hereby issued to the public in general and all interested bidders under the provisions of Insolvency and Bankruptcy Code, 2016 read with IBI (Liquidation Process) Regulations, 2016, that the auction date for the sale of properties of the Corporate Debtor under the liquidation process, initially scheduled for October 25, 2024, which was mentioned in the auction notice dated September 28, 2024, has been rescheduled. The new date for the auction is October 29, 2024, and the auction notice dated September 28, 2024, shall be read accordingly. All other terms and conditions mentioned in the auction notice dated September 28, 2024, remain unchanged.
 Sd/-
 Prakul Thadi
 Date: October 15, 2024
 Place: Hyderabad
 Liquidator of Seastar Realtors Private Limited
 Reg. No.: IBI/PA-002/IP-N01149/2021-2022/13806

CORRIGENDUM TO E-AUCTION SALE NOTICE
 Sale of Immovable Property of Porpoise Realtors Private Limited (In Liquidation)
 This corrigendum is hereby issued to the public in general and all interested bidders under the provisions of Insolvency and Bankruptcy Code, 2016 read with IBI (Liquidation Process) Regulations, 2016, that the auction date for the sale of properties of the Corporate Debtor under the liquidation process, initially scheduled for October 25, 2024, which was mentioned in the auction notice dated September 28, 2024, has been rescheduled. The new date for the auction is October 29, 2024, and the auction notice dated September 28, 2024, shall be read accordingly. All other terms and conditions mentioned in the auction notice dated September 28, 2024, remain unchanged.
 Sd/-
 Prakul Thadi
 Date: October 15, 2024
 Place: Hyderabad
 Liquidator of Porpoise Realtors Private Limited
 Reg. No.: IBI/PA-002/IP-N01149/2021-2022/13806

CORRIGENDUM TO E-AUCTION SALE NOTICE
 Sale of Immovable Property of Nallal Realtors Private Limited (In Liquidation)
 This corrigendum is hereby issued to the public in general and all interested bidders under the provisions of Insolvency and Bankruptcy Code, 2016 read with IBI (Liquidation Process) Regulations, 2016, that the auction date for the sale of properties of the Corporate Debtor under the liquidation process, initially scheduled for October 25, 2024, which was mentioned in the auction notice dated September 28, 2024, has been rescheduled. The new date for the auction is October 29, 2024, and the auction notice dated September 28, 2024, shall be read accordingly. All other terms and conditions mentioned in the auction notice dated September 28, 2024, remain unchanged.
 Sd/-
 Prakul Thadi
 Date: October 15, 2024
 Place: Hyderabad
 Liquidator of Nallal Realtors Private Limited
 Reg. No.: IBI/PA-002/IP-N01149/2021-2022/13806

CORRIGENDUM TO E-AUCTION SALE NOTICE
 Sale of Immovable Property of Camel Shelters Private Limited (In Liquidation)
 This corrigendum is hereby issued to the public in general and all interested bidders under the provisions of Insolvency and Bankruptcy Code, 2016 read with IBI (Liquidation Process) Regulations, 2016, that the auction date for the sale of properties of the Corporate Debtor under the liquidation process, initially scheduled for October 25, 2024, which was mentioned in the auction notice dated September 28, 2024, has been rescheduled. The new date for the auction is October 29, 2024, and the auction notice dated September 28, 2024, shall be read accordingly. All other terms and conditions mentioned in the auction notice dated September 28, 2024, remain unchanged.
 Sd/-
 Prakul Thadi
 Date: October 15, 2024
 Place: Hyderabad
 Liquidator of Camel Shelters Private Limited
 Reg. No.: IBI/PA-002/IP-N01149/2021-2022/13806

CORRIGENDUM TO E-AUCTION SALE NOTICE
 Sale of Immovable Property of Daffodil Shelters Private Limited (In Liquidation)
 This corrigendum is hereby issued to the public in general and all interested bidders under the provisions of Insolvency and Bankruptcy Code, 2016 read with IBI (Liquidation Process) Regulations, 2016, that the auction date for the sale of properties of the Corporate Debtor under the liquidation process, initially scheduled for October 25, 2024, which was mentioned in the auction notice dated September 28, 2024, has been rescheduled. The new date for the auction is October 29, 2024, and the auction notice dated September 28, 2024, shall be read accordingly. All other terms and conditions mentioned in the auction notice dated September 28, 2024, remain unchanged.
 Sd/-
 Prakul Thadi
 Date: October 15, 2024
 Place: Hyderabad
 Liquidator of Daffodil Shelters Private Limited
 Reg. No.: IBI/PA-002/IP-N01149/2021-2022/13806

CORRIGENDUM TO E-AUCTION SALE NOTICE
 Sale of Immovable Property of Jefferson Universal Logistics Private Limited (In Liquidation)
 This corrigendum is hereby issued to the public in general and all interested bidders under the provisions of Insolvency and Bankruptcy Code, 2016 read with IBI (Liquidation Process) Regulations, 2016, that the auction date for the sale of properties of the Corporate Debtor under the liquidation process, initially scheduled for October 25, 2024, which was mentioned in the auction notice dated September 28, 2024, has been rescheduled. The new date for the auction is October 29, 2024, and the auction notice dated September 28, 2024, shall be read accordingly. All other terms and conditions mentioned in the auction notice dated September 28, 2024, remain unchanged.
 Sd/-
 Prakul Thadi
 Date: October 15, 2024
 Place: Hyderabad
 Liquidator of Jefferson Universal Logistics Private Limited
 Reg. No.: IBI/PA-002/IP-N01149/2021-2022/13806

CORRIGENDUM TO E-AUCTION SALE NOTICE
 Sale of Immovable Property of Venue Developers Private Limited (In Liquidation)
 This corrigendum is hereby issued to the public in general and all interested bidders under the provisions of Insolvency and Bankruptcy Code, 2016 read with IBI (Liquidation Process) Regulations, 2016, that the auction date for the sale of properties of the Corporate Debtor under the liquidation process, initially scheduled for October 25, 2024, which was mentioned in the auction notice dated September 28, 2024, has been rescheduled. The new date for the auction is October 29, 2024, and the auction notice dated September 28, 2024, shall be read accordingly. All other terms and conditions mentioned in the auction notice dated September 28, 2024, remain unchanged.
 Sd/-
 Prakul Thadi
 Date: October 15, 2024
 Place: Hyderabad
 Liquidator of Venue Developers Private Limited
 Reg. No.: IBI/PA-002/IP-N01149/2021-2022/13806

CORRIGENDUM TO E-AUCTION SALE NOTICE
 Sale of Immovable Property of Venue Promoters Private Limited (In Liquidation)
 This corrigendum is hereby issued to the public in general and all interested bidders under the provisions of Insolvency and Bankruptcy Code, 2016 read with IBI (Liquidation Process) Regulations, 2016, that the auction date for the sale of properties of the Corporate Debtor under the liquidation process, initially scheduled for October 25, 2024, which was mentioned in the auction notice dated September 28, 2024, has been rescheduled. The new date for the auction is October 29, 2024, and the auction notice dated September 28, 2024, shall be read accordingly. All other terms and conditions mentioned in the auction notice dated September 28, 2024, remain unchanged.
 Sd/-
 Prakul Thadi
 Date: October 15, 2024
 Place: Hyderabad
 Liquidator of Venue Promoters Private Limited
 Reg. No.: IBI/PA-002/IP-N01149/2021-2022/13806

CORRIGENDUM TO E-AUCTION SALE NOTICE
 Sale of Immovable Property of Shaft Developers Private Limited (In Liquidation)
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 Sd/-
 Prakul Thadi
 Date: October 15, 2024
 Place: Hyderabad
 Liquidator of Shaft Developers Private Limited
 Reg. No.: IBI/PA-002/IP-N01149/2021-2022/13806

CORRIGENDUM TO E-AUCTION SALE NOTICE
 Sale of Immovable Property of Selva Developers Private Limited (In Liquidation)
 This corrigendum is hereby issued to the public in general and all interested bidders under the provisions of Insolvency and Bankruptcy Code, 2016 read with IBI (Liquidation Process) Regulations, 2016, that the auction date for the sale of properties of the Corporate Debtor under the liquidation process, initially scheduled for October 25, 2024, which was mentioned in the auction notice dated September 28, 2024, has been rescheduled. The new date for the auction is October 29, 2024, and the auction notice dated September 28, 2024, shall be read accordingly. All other terms and conditions mentioned in the auction notice dated September 28, 2024, remain unchanged.
 Sd/-
 Prakul Thadi
 Date: October 15, 2024
 Place: Hyderabad
 Liquidator of Selva Developers Private Limited
 Reg. No.: IBI/PA-002/IP-N01149/2021-2022/13806

CORRIGENDUM TO E-AUCTION SALE NOTICE
 Sale of Immovable Property of Fauna Realtors Private Limited (In Liquidation)
 This corrigendum is hereby issued to the public in general and all interested bidders under the provisions of Insolvency and Bankruptcy Code, 2016 read with IBI (Liquidation Process) Regulations, 2016, that the auction date for the sale of properties of the Corporate Debtor under the liquidation process, initially scheduled for October 25, 2024, which was mentioned in the auction notice dated September 28, 2024, has been rescheduled. The new date for the auction is October 29, 2024, and the auction notice dated September 28, 2024, shall be read accordingly. All other terms and conditions mentioned in the auction notice dated September 28, 2024, remain unchanged.
 Sd/-
 Prakul Thadi
 Date: October 15, 2024
 Place: Hyderabad
 Liquidator of Fauna Realtors Private Limited
 Reg. No.: IBI/PA-002/IP-N01149/2021-2022/13806

CORRIGENDUM TO E-AUCTION SALE NOTICE
 Sale of Immovable Property of Grouse Promoters Private Limited (In Liquidation)
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 Sd/-
 Prakul Thadi
 Date: October 15, 2024
 Place: Hyderabad
 Liquidator of Grouse Promoters Private Limited
 Reg. No.: IBI/PA-002/IP-N01149/2021-2022/13806

CORRIGENDUM TO E-AUCTION SALE NOTICE
 Sale of Immovable Property of Miller Builders Private Limited (In Liquidation)
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 Sd/-
 Prakul Thadi
 Date: October 15, 2024
 Place: Hyderabad
 Liquidator of Miller Builders Private Limited
 Reg. No.: IBI/PA-002/IP-N01149/2021-2022/13806

CORRIGENDUM TO E-AUCTION SALE NOTICE
 Sale of Immovable Property of Gulls Realtors Private Limited (In Liquidation)
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 Sd/-
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 Date: October 15, 2024
 Place: Hyderabad
 Liquidator of Gulls Realtors Private Limited
 Reg. No.: IBI/PA-002/IP-N01149/2021-2022/13806

It matters

Paving way for new lasers & LEDs

Researchers have developed and demonstrated a technique that allows them to engineer a class of materials called layered hybrid perovskites (LHPs) down to the atomic level, which dictates precisely how the materials convert electrical charge into light. The technique opens the door to engineering materials tailored for use in next-generation printed LEDs and lasers - and holds promise for engineering other materials for use in photovoltaic devices.

Perovskites, which are defined by their crystalline structure, have desirable optical, electronic and quantum properties. LHPs consist of incredibly thin sheets of perovskite semiconductor material that are separated from each other by thin organic "spacer" layers. LHPs can be laid down as thin films consisting of multiple sheets of perovskite and organic spacer layers. These materials are desirable because they can efficiently convert electrical charge into light, making them promising for use in next-generation LEDs, lasers and photonic integrated circuits.

However, while LHPs have been of interest to the research community for years, there was little understanding of how to engineer these materials in order to control their performance characteristics.

To understand what the researchers discovered, you have to start with quantum wells, which are sheets of semiconductor material sandwiched between spacer layers.

"We knew quantum wells were forming in LHPs - they're the layers," says Aram Amassian, corresponding author of a paper on the work and a professor of materials science and engineering at North Carolina State University.

And understanding the size distribution of quantum wells is important because energy flows from high-energy structures to low-energy structures at the molecular level.

"A quantum well that is two atoms thick has higher energy than a quantum well that is five atoms thick," says Kenan Gundogdu, co-author of the paper and a professor of physics at NC State. "And in order to get energy to flow efficiently, you want to have quantum wells that are three and four atoms thick between the quantum wells that are two and five atoms thick. You basically want to have a gradual slope that the energy can cascade down." "But people studying LHPs kept running into an anomaly: the size distribution of quantum wells in an LHP sample that could be detected via X-ray diffraction would be different than the size distribution of quantum wells that could be detected using optical spectroscopy," Amassian says.

"For example, diffraction might tell you that your quantum wells are two atoms thick, as well as there being a three-dimensional bulk crystal," Amassian says. "But spec-



troscopy might tell you that you have quantum wells that are two atoms, three atoms, and four atoms thick, as well as the 3D bulk phase.

"So, the first question we had was: why are we seeing this fundamental disconnect between X-ray diffraction and optical spectroscopy? And our second question was: how can we control the size and distribution of quantum wells in LHPs?"

Through a series of experiments the researchers discovered that there was a key player involved in answering both questions: nanoplatelets.

"Nanoplatelets are individual sheets of the perovskite material that form on the surface of the solution we use to create LHPs," Amassian says. "We found that these nanoplatelets essentially serve as templates for layered materials that form

under them. So, if the nanoplatelet is two atoms thick, the LHP beneath it forms as a series of two-atom-thick quantum wells.

"However, the nanoplatelets themselves aren't stable, like the rest of the LHP material. Instead, the thickness of nanoplatelets keeps growing, adding new layers of atoms over time. So, when the nanoplatelet is three atoms thick, it forms three-atom quantum wells, and so on. And, eventually, the nanoplatelet grows so thick that it becomes a three-dimensional crystal."

This finding also resolved the longstanding anomaly about why X-ray diffraction and optical spectroscopy were providing different results. Diffraction detects the stacking of sheets and therefore does not detect nanoplatelets, whereas optical spectroscopy detects isolated sheets.

"What's exciting is that

we found we can essentially stop the growth of nanoplatelets in a controlled way, essentially tuning the size and distribution of quantum wells in LHP films," Amassian says. "And by controlling the size and arrangement of the quantum wells, we can achieve excellent energy cascades - which means the material is highly efficient and fast at funneling charges and energy for the purposes of laser and LED applications."

When the researchers found that nanoplatelets played such a critical role in the formation of perovskite layers in LHPs, they decided to see if nanoplatelets could be used to engineer the structure and properties of other perovskite materials - such as the perovskites used to convert light into electricity in solar cells and other photovoltaic technologies.

Pegatron showcases 5G network innovations

Pegatron 5G, a provider of Open RAN (O-RAN) compliant products and 5G network solutions, is showcasing its latest innovations at India Mobile Congress (IMC) 2024, a key global event for mobile technology, being held in New Delhi from October 15 to 18.

Pegatron 5G is committed to supporting India's growing 5G infrastructure and "Make in India" policy. At IMC 2024, we will unveil the PR1450 O-RU and Fronthaul Multiplexer (FHM), designed to provide innovative and cost effective in-building coverage for enterprise and public deployments. The PR1450 O-RU offers reliable indoor connectivity, while the FHM simplifies network configurations for efficient deployments. Both solutions provide flexibility and operational efficiency for various 5G environments.

In addition to core networking products, Pegatron 5G offers a range of Customer Premises Equipment (CPE) and RedCap solutions tailored to the Indian market. These products enable seamless connectivity across industries, supporting diverse applications.

We collaborate with global industry vendors, leveraging our expertise to deliver advanced solutions. At IMC 2024, we are demonstrating network in a radio, energy efficiency functionality for small cells and displaying Pegatron 5G's innovative and cost effective 5G in-building coverage solution and 5G site infrastructure solution for different environments with our partners. We are open to collaborating with additional partners to provide cost effective and reliable "Make in India" 5G solution for enterprise and public networks.

"Pegatron 5G is providing 5G O-RAN private networks and AI application based solutions to optimize our factories throughout Asia and the rest of the world," CY Feng, General Manager of Pegatron BG6 Communication Products said, "we are excited to work with our Indian partner companies and invest in our new facility in Chennai, focused on communication products to support the 'Make in India' policy."

Researchers unveil more precise 3D printing tech

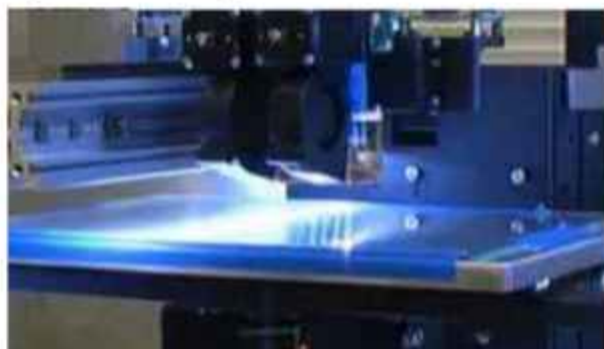
Multimaterial 3D printing enables makers to fabricate customised devices with multiple colours and varied textures. But the process can be time-consuming and wasteful because existing 3D printers must switch between multiple nozzles, often discarding one material before they can start depositing another.

Researchers from MIT and Delft University of Technology have now introduced a more efficient, less wasteful, and higher-precision technique that leverages heat-responsive materials to print objects that have multiple colours, shades, and textures in one step.

Their method, called speed-modulated ironing, utilizes a dual-nozzle 3D printer. The first nozzle deposits a heat-responsive filament and the second nozzle passes over the printed material to activate certain responses, such as changes in opacity or coarseness, using heat.

By controlling the speed of the second nozzle, the researchers can heat the material to specific temperatures, finely tuning the color, shade, and roughness of the heat-responsive filaments. Importantly, this method does not require any hardware modifications.

The researchers developed a model that predicts the amount of heat the "ironing" nozzle will transfer to the material based on its speed. They used this model as the foundation for a user interface that automatically generates printing instructions which achieve color, shade, and texture specifications.



Math solutions to help future of comp science

A Rutgers University-New Brunswick professor who has devoted his career to resolving the mysteries of higher mathematics has solved two separate, fundamental problems that have perplexed mathematicians for decades.

The solutions to these long-standing problems could further enhance our understanding of symmetries of structures and objects in nature and science, and of long-term behavior of various random processes arising in fields ranging from chemistry and physics to engineering, computer science and economics.

Pham Tiep, the Joshua Barlaz Distinguished Professor of Mathematics in the Rutgers School of Arts and Science's Department of Mathematics, has completed a proof of the 1955 Height Zero Conjecture posed by Richard Brauer, a leading German-American mathematician who died in 1977. Proof of the conjecture - commonly viewed as one of the most outstanding challenges in a field of math known as the representation theory of finite groups - was published recently.

"A conjecture is an idea that you believe has some validity," said Tiep, who has thought about the Brauer problem for most of his career and worked on it intensively for the past 10 years. "But conjectures have to be proven. I was hoping to advance the field. I never expected to be able to solve this one."

In a sense, Tiep and his colleagues have been following a blueprint of challenges Brauer laid out for them in a series of mathematical conjectures posed and published in the 1950-60s.

"Some mathematicians have this rare intellect," Tiep said of Brauer. "It's as though they came from another planet or from another world. They are capable of seeing hidden phenomena that others can't." In the second advance, Tiep solved a difficult problem in what is known as the Deligne-Lusztig theory, part of the foundational machinery of representation theory. The breakthrough touches on traces, an important feature of a rectangular array known as a matrix. The trace of a matrix is the sum of its diagonal elements.

"Tiep's high-quality work and expertise on finite groups has allowed Rutgers to maintain its status as a top world-wide center in the subject," said Stephen Miller, a Distinguished Professor and Chair of the Department of Mathematics. "One of the great accomplishments in 20th century mathematics was the classification of the so-called but perhaps misleadingly named 'simple' finite groups, and it is synonymous with Rutgers -- it was led from here and many of the most interesting examples were discovered here. Through his amazing stretch of strong work, Tiep brings international visibility to our department."

Scientists free up robot brain space

Engineers have worked out how to give robots complex instructions without electricity for the first time which could free up more space in the robotic 'brain' for them to 'think'.

Mimicking how some parts of the human body work, researchers from King's College London have transmitted a series of commands to devices with a new kind of compact circuit, using variations in pressure from a fluid inside it.

They say this world first opens up the possibility of a new generation of robots, whose bodies could operate independently of their built-in control centre, with this space potentially being used instead for more complex AI powered software.

INDIA SHELTER FINANCE CORPORATION LTD.
 REGD. OFFICE: Plot-16, 6th Floor, Sec-44, Institutional Area, Gurgaon, Haryana-122002 Branch Office: Sri Aachi Tower, First Floor, New Door No 408A, Brough Road, Perundurai Road, Erode, Tamilnadu-638011

POSSESSION NOTICE FOR IMMOVABLE PROPERTY

Whereas, The Undersigned Being the Authorized Officer of The India Shelter Finance Corporation Ltd., Under The Securitisation And Reconstruction of Financial Assets And Enforcement of Security Interest Act, 2002 And In Exercise of Power Conferred Under Section 13(2) Read With Rule 3 Of The Security Interest (enforcement) Rules, 2002, issued A Demand Notice On The Date Noted Against The Account As Mentioned Hereinafter, Calling Upon The Borrower And Also The Owner Of The Property/Surety To Reply The Amount Within 60 Days From The Date Of The Said Notice. Whereas The Owner Of The Property And The Other Having Failed To Reply The Amount, Notice is Hereby Given To The Under Noted Borrowers And The Public In General That The Undersigned Has Taken Symbolic Possession Of The Properties/Debits Residues In Exercise Of The Powers Conferred On Him/Her Under Section 13(4) Of The Said Act Read With Rules 8 & 9 Of The Said Rules On The Dates Mentioned Against Each Account. Now, The Borrower In Particular And The Public In General is Hereby Cautioned Not To Deal With The Properties/Debits And Any Dealing With The Properties/Debits Will Be Subject To The Charge Of India Shelter Finance Corporation Ltd For An Amount Mentioned As Below And Interest Thereon, Costs, Etc.

Name Of The Borrower / Guarantor (owner Of The Property) & Loan Account Number	Description Of The Charged / Mortgaged Property (all The Part & Parcel Of The Property Consisting Of)	Dt. Of Demand Notice, Amount Due As On Date Of Demand Notice	Date Of Possession
M. R. CHINNAIYAN, 28/2, Saritham Land No 51/1, 5335, Kuppandalampalayam Village, Bhagavathi Kuppandalampalayam Panchayath, Bhavanli Erode, Tamilnadu-636502	All Part And Parcel Of Saritham 51/1, 28/2, Saritham Land No 51/1, 5335, Kuppandalampalayam Village, Bhagavathi Kuppandalampalayam Panchayath, Bhavanli Erode, Tamilnadu-636502	Demand Notice Dated: 10-July-2024 calling upon to all above mentioned in notice being M.R. CHINNAIYAN, MRS. CHINNAIYAN, MRS. C. PLANISWAMY to repay the amount mentioned in the notice being Rs. 454054/- (Rupees Four Lakh Fifty Thousand Four Hundred Fifty Four Only) pertaining to loan account No. LA10VLLONS0000508625as of 10-May-2023 with further interest applicable from 11-May-2023 and cost till the date of the payment.	18-10-2024 (Symbolic Possession)

PLACE: Erode Tamilnadu, DATE: 16.10.2024 (Authorized Officer) India Shelter Finance Corporation Ltd FOR ANY QUERY PLEASE CONTACT Mr. Mandala Ramesh (+91 9908029299) or Mr. Kurali S (+91 7411697650)

INDIA SHELTER FINANCE CORPORATION LTD.
 Registered Office: Plot-16, 6th Floor, Sec-44, Institutional Area, Gurgaon, Haryana-122002 Branch Office: Sri Aachi Tower, First Floor, New Door No 408A, Brough Road, Perundurai Road, Erode, Tamilnadu-638011

PUBLIC NOTICE-AUCTION FOR SALE OF IMMOVABLE PROPERTY

(Under Rule 8(b) Of The Security Interest (enforcement) Rules, 2002) Notice For Sale Of Immovable Property (Mortgaged With India Shelter Finance Corporation (SFC) (Secured Creditor) Under The Securitisation And Reconstruction Of Financial Assets And Enforcement of Security Interest Act, 2002) is hereby given to the public in general and in particular to the borrower(s), co-borrower(s) and guarantor(s) or their legal heirs/representatives that the below described immovable property mortgaged/charged to the Secured Creditor, the possession of which has been taken by the Authorized Officer of SFC (Secured creditor), will be sold on 28-11-2024 (Date of Auction) on "AS IS WHERE IS", "AS IS WHAT IS" and "WHAT EVER THERE IS" basis for recovery of outstanding dues from below mentioned Borrowers, Co-Borrowers or Guarantors. The Reserve Price and the Earned Money/Deposit is mentioned below. The sealed envelope containing the BID amount for participating in Public Auction shall be submitted to the Authorized Officer of SFC on or before 19-11-2024 till 5 PM at Branch/Corporate Office: Sri Aachi Tower, First Floor, New Door No 408A, Brough Road, Perundurai Road, Erode, Tamilnadu-638011.

Loan Account No./AP Number	Name of Borrower(s)/ Co-Borrower(s)/ Guarantor(s) Legal Heir(s)/ Legal Rep.	Date of Demand Notice/ Amount as on date	Type of Possession (Under Constructive/ Physical)	Reserve Price	Earned Money/ Deposit
0009053266/A P-10122280	1. M/ Mrs. Eshwaryasree R 2. M/ Mrs. W. Ravinathan	12-04-2024Rs 1400248/- (Rupees Fourteen Lakh Two Hundred Forty Eight Only)	Symbolic Possession	Rs. 13,51,396/- (Rupees Lakh Thirteen Lakh Fifty One Thousand Three Hundred Thirty Six Only)	Rs. 1,35 (13.5 Lakh Three and Six Paise Only)

Description of Property: All Part And Parcel Of Erode P.D. Avasa, on road S.R.D., Perundurai Taluk, Tharmugam Village, Village, in this Part No 3845, in this R.S. No. 892/1 at present as per sub division R.S. No. 892/1B, Phec. 1.05.87, Kist Rs. 2.93, R.S. No. 892/2 in this of present as per sub division R.S. No. 892/2B, Phec. 1.82.53, Kist Rs. 4.50, R.S. No. 892/3 in this at present as per sub division, R.S. No. 892/3B, Phec. 0.56.34, Kist Rs. 1.53, R.S. No. 892/4, Phec. 0.66.50, Kist Rs. 1.84, R.S. No. 892/5, Phec. 0.55.50, Kist Rs. 1.56, R.S. No. 904 in, in this at present as per sub division, R.S. No. 904/1, Phec. 0.67.54, Kist Rs. 1.35, R.S. No. 904/1A, in this at present as per sub division R.S. No. 904/1A, Phec. 0.28.83, Kist Rs. 0.58, R.S. No. 904/5, Phec. 0.35.50, Kist Rs. 0.98, R.S. No. 904/6, Phec. 1.44.50, Kist Rs. 4.00, R.S. No. 904/7 in this at present as per sub division, R.S. No. 904/7 B, Phec. 0.20.86, Kist Rs. 0.57, R.S. No. 904/8, Phec. 0.35.01, Kist Rs. 0.87, R.S. No. 897/2 Phec. 0.05.50, Kist Rs. 0.15, i.e. totally in P.No-27.84.34, Kist Rs. 20.80, in the providing roads, formed, layout named as "Greens Village", approved by Douby/District of Town and Country Planning Under, Ma. Va. No. U.E. No. 14/2020, out of this House site No. 232 situated in the following boundary: BOUNDARY: North to: 7.20 m, with East-West common road, South to: House site No. 242, East to: House site No. 231, West to: House site No. 233 The said property is situated in R.S. No. 892 as per new sub division 892/2A. The property is situated within the limit of Kamaravalli Panchayat.

Terms and conditions:
 1) The prescribed Tender/Bid Form and the terms and conditions of sale will be available with the Branch/Corporate Office: (SRI AACHI TOWER, FIRST FLOOR, NEW DOOR NO.408A, BROUGH ROAD, PERUNDURAI ROAD, ERODE, TAMILNADU-638011) between 10.00 a.m. to 5.00 p.m. on any working day.
 2) The immovable property shall not be sold below the Reserve Price.
 3) All the bids tendered submitted for the purchase of the above property shall be accompanied by Earnest Money as mentioned above. EMD amount favouring "India Shelter Finance Corporation Limited", The EMD amount will return to the unsuccessful bidders after auction.
 4) The highest bidder shall be declared as successful bidder provided always that he/she is legally qualified to bid and provided further that the bid amount is not less than the reserve price. It shall be the discretion of the Authorized Officer to decline acceptance of the highest bid when the price offered appears inadequate to make it advisable to do so.
 5) The prospective bidders can inspect the property on 18-Nov-2024 between 11.00 A.M and 5.00 P.M with prior appointment.
 6) The person declared as a successful bidder shall, immediately after the declaration, deposit 25% of the amount of purchase money/highest bid which would include EMD amount to the Authorized Officer within 24 hrs. and in default of such deposit, the property shall forthwith be put to fresh auction/sale by private treaty.
 7) In case the initial deposit is made as above, the balance amount of the purchase money payable shall be paid by the purchaser to the Authorized Officer on or before the 15th day from the date of confirmation of the sale of the property, exclusive of such day or by the 15th day be a Sunday or other holiday, then on the first office day after the 15th day.
 8) In the event of default of any payment within the period mentioned above, the property shall be put to fresh auction/sale by private treaty. The deposit including EMD shall stand forfeited by India Shelter Finance Corporation Ltd. and the defaulting purchaser shall lose all claims to the property.
 9) The above sale shall be subject to the final approval of SFC. Interested parties are requested to verify/confirm the statutory and other dues like Sales/Property tax, Electricity dues, and society dues, and society dues, from the respective departments / offices. The Company does not undertake any responsibility of payment of any dues on the property.
 10) 10% of the sale price shall be payable by the highest bidder over the highest declared bid amount. The payment needs to be deposited by the highest bidder in the PAN of the company and the copy of the cheques shall be submitted to the company.
 11) Sale is strictly subject to the terms and conditions incorporated in this advertisement and into the prescribed tender form.
 12) The successful bidder/purchaser shall bear all stamp duty, registration fees, and incidental expenses for getting said certificate registered as applicable as per law.
 13) The Authorized Officer has the absolute right to accept or reject the bid or to put/ postpone/ cancel the tender without assigning any reason thereof and also to modify any terms and conditions of this sale without any prior notice.
 14) Interested bidders may contact Mr. Karunagiri Mob: +91 9990219262 or Mr. Mandala Ramesh Mob: +91 9908026299 during office hours (10.00AM/1 to 5.00 PM).

30 DAYS SALE NOTICE TO THE BORROWER/GUARANTOR/MORTGAGOR

The above mentioned Borrowers/Mortgagors/Guarantors are hereby notified to pay the sum as mentioned in Demand Notice under section 13(2) with an immediate interest and expenses and also the amount due on the property which the property shall be auctioned and balance dues, if any, will be recovered with interest and cost from you till 30th November 2024. Date: 16-10-2024, Place: Tamilnadu (Authorized Officer) India Shelter Finance Corporation Ltd.

CORRIGENDUM TO E-AUCTION SALE NOTICE
 Sale of Immovable Property of Camel Shelters Private Limited (in Liquidation)

This corrigendum is hereby issued to the public in general and all interested bidders under the provisions of Insolvency and Bankruptcy Code, 2016 read with IBI (Liquidation Process) Regulations, 2016, that the auction date for the sale of properties of the Corporate Debtor under the liquidation process, initially scheduled for October 25, 2024, which was mentioned in the auction notice dated September 28, 2024, has been rescheduled. The new date for the auction is October 28, 2024, and the auction notice dated September 28, 2024, shall be read accordingly.

All other terms and conditions mentioned in the auction notice dated September 28, 2024, remain unchanged.

Date: October 15, 2024 Liquidator of Camel Shelters Private Limited
 Place: Hyderabad Reg. No.: IBI/PA-02/JP-NO/149/2021-2022/13806

CORRIGENDUM TO E-AUCTION SALE NOTICE
 Sale of Immovable Property of Daffodil Shelters Private Limited (in Liquidation)

This corrigendum is hereby issued to the public in general and all interested bidders under the provisions of Insolvency and Bankruptcy Code, 2016 read with IBI (Liquidation Process) Regulations, 2016, that the auction date for the sale of properties of the Corporate Debtor under the liquidation process, initially scheduled for October 25, 2024, which was mentioned in the auction notice dated September 28, 2024, has been rescheduled. The new date for the auction is October 28, 2024, and the auction notice dated September 28, 2024, shall be read accordingly.

All other terms and conditions mentioned in the auction notice dated September 28, 2024, remain unchanged.

Date: October 15, 2024 Liquidator of Daffodil Shelters Private Limited
 Place: Hyderabad Reg. No.: IBI/PA-02/JP-NO/149/2021-2022/13806

CORRIGENDUM TO E-AUCTION SALE NOTICE
 Sale of Immovable Property of Fauna Realtors Private Limited (in Liquidation)

This corrigendum is hereby issued to the public in general and all interested bidders under the provisions of Insolvency and Bankruptcy Code, 2016 read with IBI (Liquidation Process) Regulations, 2016, that the auction date for the sale of properties of the Corporate Debtor under the liquidation process, initially scheduled for October 25, 2024, which was mentioned in the auction notice dated September 28, 2024, has been rescheduled. The new date for the auction is October 28, 2024, and the auction notice dated September 28, 2024, shall be read accordingly.

All other terms and conditions mentioned in the auction notice dated September 28, 2024, remain unchanged.

Date: October 15, 2024 Liquidator of Fauna Realtors Private Limited
 Place: Hyderabad Reg. No.: IBI/PA-02/JP-NO/149/2021-2022/13806

CORRIGENDUM TO E-AUCTION SALE NOTICE
 Sale of Immovable Property of Porpore Realtors Private Limited (in Liquidation)

This corrigendum is hereby issued to the public in general and all interested bidders under the provisions of Insolvency and Bankruptcy Code, 2016 read with IBI (Liquidation Process) Regulations, 2016, that the auction date for the sale of properties of the Corporate Debtor under the liquidation process, initially scheduled for October 25, 2024, which was mentioned in the auction notice dated September 28, 2024, has been rescheduled. The new date for the auction is October 28, 2024, and the auction notice dated September 28, 2024, shall be read accordingly.

All other terms and conditions mentioned in the auction notice dated September 28, 2024, remain unchanged.

Date: October 15, 2024 Liquidator of Porpore Realtors Private Limited
 Place: Hyderabad Reg. No.: IBI/PA-02/JP-NO/149/2021-2022/13806

CORRIGENDUM TO E-AUCTION SALE NOTICE
 Sale of Immovable Property of Seastar Realtors Private Limited (in Liquidation)

This corrigendum is hereby issued to the public in general and all interested bidders under the provisions of Insolvency and Bankruptcy Code, 2016 read with IBI (Liquidation Process) Regulations, 2016, that the auction date for the sale of properties of the Corporate Debtor under the liquidation process, initially scheduled for October 25, 2024, which was mentioned in the auction notice dated September 28, 2024, has been rescheduled. The new date for the auction is October 28, 2024, and the auction notice dated September 28, 2024, shall be read accordingly.

All other terms and conditions mentioned in the auction notice dated September 28, 2024, remain unchanged.

Date: October 15, 2024 Liquidator of Seastar Realtors Private Limited
 Place: Hyderabad Reg. No.: IBI/PA-02/JP-NO/149/2021-2022/13806

