



Mohamed Yehia Shahin

September 22, 1946 - August 21, 2025

It is with deep sadness that we announce the passing of Dr. Mohamed Yehia Shahin, who passed away peacefully in the early hours of August 21, 2025, in Windsor, Colorado.

Mo came to the United States from Egypt for post-graduate studies after completing his undergraduate degree at only 18. He built a remarkable life dedicated to his family, his profession, and improving the world around him. He was preceded in death by his father Abdullah Shaheen, his mother Nazera Ibrahim, his sister Nazik Shaheen, and his brother Magdy Shaheen. He is survived by Eunice Zumdahl, his beloved partner of 30 years; his daughter Michelle Wood and her husband Lee Wood, and their children Isabella Wood and Leroy John Wood; his son Michael Shahin and his wife Caryn Shahin, and their children Elliot and Emilia Shahin; his nephew Sherif Shaheen of Egypt; and Beatriz Shahin, the mother of his children. He was a devoted father and grandfather who took great pride in his family. Though deeply committed to his professional work, family always came first for Mo. He believed that kindness and doing good deeds mattered most. One of his greatest joys was attending recitals, games, and events for his grandchildren.

Mo was a visionary engineer and an internationally recognized pioneer in pavement management systems. His remarkable career spanned more than five decades. He developed the revolutionary PAVER™ pavement

management system during his time as a research engineer at the U.S. Army Construction Engineering Research Laboratory (CERL). This program reached its 51-year milestone earlier this year. His groundbreaking work on the Pavement Condition Index (PCI) became the global standard for evaluating pavement conditions. Throughout his distinguished career he received numerous accolades from across the globe for his transformative contributions to the field.

Beyond his professional accomplishments, Mo touched countless lives as a teacher and guide to younger engineers. He approached both work and life with an infectious enthusiasm and genuine care for others, always eager to share his knowledge and support those around him on their own journeys.

Mo had a deep love for animals, especially his beloved Great Pyrenees, Lucy, who passed years ago but remained forever in his heart. He maintained a lifelong connection to his home country of Egypt and especially cared for the poor and needy of Egypt, making numerous donations throughout his life and ensuring his generosity would continue even beyond. An avid soccer fan, Mo passionately followed the Egyptian national team and Liverpool, with a special admiration for Mohamed Salah, whose success brought him great joy. He also loved ballroom dancing, bringing the same enthusiasm to the dance floor that he brought to all aspects of his life.

Mo's legacy lives on through the love and knowledge he shared with his family and colleagues. He will be deeply missed by all who knew him.

In lieu of flowers, donations can be made to the Chandler Service Club using this link, <https://chandlerserviceclub.org/product/donation/>

Tribute Wall

BR

“ I had the privilege to work with Mo for almost 30 years on PAVER. I learned so much from him, not just about pavement maintenance but about working with others, getting the details right, and caring about the effect of your work on society. Mo was a good, honest man who genuinely cared about people he worked with. I will never forget the night he called me when we had scary news about my grandson’s post-natal issues. Mo was in substantial pain from his back problems, and was unable to get out of bed. But he cared enough to call and give me comfort and offer prayers despite his pain. That is the kind of friend and person he was. I will miss him.

Bob Reinke - September 11, 2025 at 04:00 PM

KP

“ It is with deep respect and heartfelt sadness that we at Applied Pavement Technology, Inc. join the civil engineering community in mourning the passing of Dr. Mohamed Yehia Shahin, a true pioneer and visionary in the field of pavement management.

Mo was a guiding force who helped shape the future of our industry through decades of innovation, mentorship, and unwavering commitment to excellence. His work laid the foundation for many of the best practices we rely on today, leaving an indelible mark on our profession.

While known for his technical brilliance, Mo was also a generous spirit with a deep dedication to collaboration. Many of us at APTech had the privilege of working with him, learning from his insight, and being inspired by his passion for our work.

The pavement engineering community has lost a true champion, and we have lost a respected peer, colleague, mentor, and friend. While Mo's passing leaves a void that cannot be filled, his legacy will endure through the pavement systems we continue to manage, the standards we uphold, and the engineers he inspired.

To Mo's family, friends, and all those whose lives were touched by his work and kindness, we extend our deepest condolences. We are grateful for the profound contributions he made to our industry, and we honor his memory by striving to live up to the high standards he set for us all.

With respect and remembrance,

Applied Pavement Technology, Inc.

Kyle Potvin - September 05, 2025 at 06:58 PM

TR

“*Mo was an incredible man of faith, passion, and integrity. He approached everything he did with purpose and humility, and he earned the deep respect of all who had the privilege to work with him.*

Over the past decade, I had the distinct honor of learning from and working alongside Mo. He had a unique ability to bring people together, always valuing diverse insights and encouraging collaboration, a reflection of both his leadership and innovative spirit.

Mo's mentorship and friendship have left a lasting impact on me personally, and his contributions have shaped the path for so many of us in the pavement management industry. While he will be greatly missed, his legacy will continue to guide and inspire us for years to come.

Tyler Rossow - September 04, 2025 at 06:28 PM

AH

Sorry for your lost Tyler, our condolences to you

Ahmed - October 17, 2025 at 10:11 AM

JG

“ It was a true pleasure working alongside Mo for the past two years. He opened my eyes to a lifetime dedicated to service. Mo wasn't just a colleague; he was a friend, generously sharing aspects of his personal life. Professionally, he mentored me in the concepts of asset management and cost avoidance through proactive maintenance. His ground breaking innovations in this field have undoubtedly saved the world billions – from smoother roads and safer air travel to more efficiently managed infrastructure - very fitting to see him standing by the great pyramids on this tribute. I always cherished our conversations, which always blended professional insights with personal anecdotes about everything from his beloved dog to his family. I especially enjoyed discussing herd guardian dog breeds and his dedication to working well into his years. Every single interaction with Mo was uplifting; he consistently reinforced his faith every day, always ending conversations with a heartfelt “God willing” or “God bless.” He will be deeply missed and always remembered.

Jack Galloway - September 04, 2025 at 12:50 PM

RF

“ Dr. Mo Shahin effortlessly spread kindness and light by simply being his genuine self. He touched so many lives with his dedication and passion to the PAVER initiative and I feel incredibly honored to have had the opportunity to work with him. Whenever he spoke of his family, the pride and and love he felt for them was impactful. My heart goes out to his loved ones during this difficult time, I wish you all peace and comfort.

Ruth Flores - September 04, 2025 at 12:45 PM

AK

“ I am deeply saddened to learn of the passing of Dr. Mo Shahin, a visionary engineer and a truly remarkable human being. My heartfelt condolences to the family.

I had the privilege of attending PAVER training classes, and it left a lasting impression on me—not just because of his technical excellence, but because of the passion and clarity with which he shared his knowledge. His warmth and humility made the learning experience unforgettable. His legacy will continue to live on through the impact he has made and countless professionals he mentored. May his memory be a blessing, and may his family find comfort in knowing the lasting impact of his life’s work.

Abbas Kachwalla - September 03, 2025 at 06:06 PM

BN

“ It was my great privilege to work alongside Mo for over 30 years. His unwavering dedication to advancing the pavement management community, serving humanity, and cherishing his family was truly inspiring. Despite his remarkable achievements, Mo remained humble, kind, and generous—a rare combination that touched everyone who knew him.

Mo’s passion for improving the PAVER system was matched only by his commitment to building a collaborative team. He patiently shared his vision, fostering cooperation and inspiring those around him to embrace his innovative ideas. His leadership created not just a groundbreaking program but a lasting sense of community.

Raised in Egypt, Mo’s journey was shaped by his deep faith and love for God. He openly shared stories of his early life and his devotion to his Muslim faith, offering a beautiful perspective that enriched those fortunate enough to know him. Mo was a true man of faith, whose kindness and wisdom reflected his values in every interaction.

Mo’s legacy lives on in PAVER, in the countless lives he touched, and in the enduring example of his humility and generosity. He will be deeply missed but forever remembered.

Bill Nelson - September 03, 2025 at 05:33 PM

KZ

“ Mo was my first boss (at CERL) after receiving my degrees in Civil Engineering from the University of Illinois. I learned so much from him in terms of how to navigate the engineering world with a smile and a sense of humor. He provided me opportunities to manage projects, travel to promote the tools we were developing, and teach training courses to other professionals. Today, I continue to use many of the skills he taught me. I hope his family is comforted by the memories formed over the years and the long-term impact he had on many of us in the pavement community. Rest in peace, Mo.

Katie Zimmerman - September 03, 2025 at 04:57 PM

MB

“ I was deeply saddened to hear of Mo's passing. He was not only a dedicated and talented colleague but also a kind and thoughtful person. Mo made a meaningful impact on all of us in the pavement management industry, and his presence will be truly missed. Please accept my heartfelt condolences, and know that my thoughts are with you and your family during this difficult time.

Matthew Brynick - September 03, 2025 at 09:13 AM

SG

“ Very sorry to hear this sad news and very sorry for your loss. We will miss Mo a lot. Please accept my deepest condolences.

Salil Gokhale - September 02, 2025 at 05:33 PM

BW

“ Mo was a great mentor to me and he will be greatly missed. While working with him at CERL, we took many trips together teaching, testing, developing and implementing the PCI and PAVER management system. Mo always carried a smile on his face, had an unmatched positive outlook on life, and loved his family and friends. I learned so many things from him and will never forget him. Mo was a devout believer in God and followed his teachings. Mo is in heaven with his family and friends, not to mention Lucy. I am sure he has already taken Lucy on many walks and drives in her favorite Toyota Sienna in heaven. Until we see each other again Mo. With Love, an old friend.

Bill Welborn - September 02, 2025 at 12:57 PM

SL

I am so sad to hear of Moh's passing, I had the pleasure to work with him on the development of Micro Paver and served on the user group for 28 years. He was kind and patient 😊 and he will be missed

sabine Lundgren - November 07, 2025 at 12:32 PM