

Meet Siemens Healthineers

Siemens Healthineers: Our brand name embodies the pioneering spirit and engineering expertise that is unique in the healthcare industry. The people working for Siemens Healthineers are totally committed to the company they work for, and are passionate about their technology. In this section we introduce you to colleagues from all over the world – people who put their hearts into what they do.

Jing An, M.S.

Jing An did not arrive at MRI from a single straight path. She first trained in clinical medicine and worked in cardiology, then later studied computer science. Looking back, that combination turned out to be a good fit for MRI: It gave her a way to think about patients and physiology, but also about signals, sequences, and how technology is actually built.

At Siemens Shenzhen Magnetic Resonance Ltd., she works closely with clinical partners on advanced MR applications. Over the years, she has supported many research collaborations, including work-in-progress sequences, external system testing, cardiovascular MRI education, and early 7T MRI activities in China. What she values most is not only the number of papers and abstracts that came out of these collaborations, but also the process of helping a clinical idea become something that can be tested, discussed, and improved.



How did you first come into contact with MRI?

I came to MRI through cardiology, so at the beginning I was not thinking only about images. I was thinking about what those images could tell us about the heart. When I worked in New York, I had the chance to develop pulse sequences for myocardial perfusion and pulmonary function analysis. That was when I really started to appreciate MRI. It is very technical, of course, but it is never just technology. A small change in a sequence or protocol can change what we are able to understand clinically.

What do you find motivating about your job?

For me, the interesting part is usually not the perfect final result, but the questions that come before it. A collaborator may say, “We want to see this more clearly” or, “This protocol is difficult in our patients.” Then we need to understand whether the issue is timing, motion, contrast, workflow, or something else. I like that kind of problem-solving. It is practical, but it also keeps you learning.

What are the biggest challenges in your job?

The difficult part is that the same technical answer does not work everywhere. One site may be very experienced with coronary MR angiography, while another may be starting with stress perfusion or lung imaging. Even when the topic is familiar, the scanner, patient group, team experience, and research goal can be different. I have learned that collaboration starts with listening carefully. Before giving suggestions, you have to understand what the partner is really trying to achieve and what limitations they face in their daily work.

What do you think are the most important developments in MRI?

To me, a key development is the integration of AI across the entire MRI workflow. It is exciting because AI is not only about improving images after the scan. It can also support sequence design, scan planning, acquisition, reconstruction, and post-processing, helping make MRI faster, more robust, and easier for clinical teams to use. This is especially meaningful in cardiovascular MRI. I have seen how valuable techniques like free-breathing imaging, stress perfusion, vessel wall imaging, and non-contrast angiography can be, but also how demanding they are in daily practice. AI may help shorten scan times, handle motion better, improve image quality, and make quantitative analysis less manual.

What would you do if you could spend a month doing whatever you wanted?

I would probably keep it very simple. I would read more, take a slow trip somewhere, and spend proper time with family and friends — sharing good meals, taking walks, and simply being happy without always checking the next thing on my calendar. Work can easily become a series of meetings, questions, and problems to solve. Having a quiet month away from that rhythm would give me time to pause, look back on what I have learned, and think about what I still care about. I hope I would come back not only rested, but also a little clearer about where to put my energy next.