

<b>Tours</b>	
<b>Datahub: Research Data Management @ Maastricht</b>	Meet research support departments at the SURF Research Roadshow truck and find out more about for example data storage, DMPMaastricht, GDPR, EHR data and other services. Moreover, you will be able to have a chat with one or more of our colleagues.
<b>Scannexus: Ultra-high field MRI</b>	Scannexus operates three state-of-the-art MRI scanners at 3T, 7T and 9.4T field strengths. These powerful machines allow for obtaining images at an extremely high resolution, providing unparalleled insights into the architecture and mechanisms of brain and body, thereby facilitating the next wave of scientific breakthroughs.
<b>M41: Imaging mass spectrometry - revealing molecular complexity</b>	Clinical specimens such as tumor tissues are of high cellular and molecular complexity. The investigation of such sample requires powerful imaging techniques. Imaging mass spectrometry is an imaging technique that allows visualizing molecules in biological specimens and enables therefore to better understand the spatial context of diseases and molecules.
<b>M4I Nanoscopy Laboratory: Advanced Light and Cryo-Electron Microscopy</b>	This tour will embed you in the most advanced cutting edge techniques and instruments in the Microscopy field. How to get sub-nanometer resolution of the structure of proteins key in the development of certain diseases, how to get in situ information about the strategy used by viruses and bacteria to infect cells, how to know the 3D architecture of cellular structures involved in pathological processes from biopsies or organoids. These are some of the questions to be answered in this nanoscopic tour.
<b>MERLN walk-around, a tour on Technology-Inspired Regenerative Medicine</b>	The Institute for Technology-Inspired Regenerative Medicine (MERLN) strives to maintain a leading position in the field of biomedical engineering by combining creative research with training an interdisciplinary generation of scientists. In this tour we'll show the labs specially focusing on technical working details on 3D printing scaffolds for Regenerative Medicine, topographical libraries for screening cell behavior and microfabricated platforms for recreating cellular microenvironments
<b>CAREN</b>	In the gait laboratories movements, muscle activity and forces are captured that the eye can't see. Gait and motion analysis helps to understand and recognize how neurological, orthopedic, and muscular conditions can hinder motions that are critical to walking.
<b>MRUM</b>	This tour will bring you to the MRUM. In this facility we measure human metabolism in a controlled environment. MRUM makes it possible to research the metabolism of the human body as a whole and of specific organs and tissues under carefully controlled circumstances.
<b>Zorginnovatielab MUMC+</b>	How to create a new service model providing all the time patients need, The MUMC+ Innovation Lab brings great ideas to practice, by a close collaboration between patients and HCP's. Come see, feel, and experience new designs of care delivery and e-health solutions. What do you think about the hospital of the future?
<b>MAASTRO (1)</b>	Presentation on radiotherapy in daily practice including overview of research in MAASTRO aimed at improving patient care

<b>MAASTRO (2)</b>	Guided tour in the dept of Radiotherapy, including a visit to the linear accelerator.
<b>COACH</b>	At the Centre for Overweight Adolescent and Children's Healthcare (COACH) children learn about a healthy lifestyle without feeling like they are visiting the hospital. In this location, that was nominated for two international design awards, treatment already starts in the waiting room, where children can move around, cycle, swing and play together with other children or their family members.
<b>Cahtlab</b>	The tour contains a real tour on the cathlab and they will get a little impression off the procedures. 1 group will see the EP (electro physiology) procedure and 1 group will see the PCI (Percutaneous coronary intervention)/CAG (Coronary angiography) procedure. They will see how we work and what our work contains
<b>Brightlands</b>	
<b>Laboratory for experimental orthopedics</b>	The laboratory for experimental orthopedics is a multidisciplinary research group focused on arthritis, spine and bone infection research, covering the full spectrum from fundamental molecular cell biology to preclinical evaluation of medical devices.
<b>Maastricht Studie</b>	The main goal of The Maastricht Study is to investigate the causes and consequences of type 2 diabetes. Our population-based cohort study is unique for its extensive phenotyping of all participants (metabolic status, vascular function, ocular disease, cognition, health behavior, social context, etcetera). During the tour we will show you the research facility of The Maastricht Study.
<b>Oncology Rehabilitation</b>	In this workshop we will explain to you the multidisciplinary rehabilitation program that we offer our oncology patients during and/or after treatment.  First a brief overview will be given, and thereafter each disciplinary will explain their treatment in more detail.
<b>IDEE: Sample preparation</b>	The IDEE department, an innovation lab within the MUMC+, develops experimental set-ups and medical (measurement) instruments for research and new care applications. Within the roadmap Sample preparation, a selection of instruments to improve the workflow in laboratories in the field of electron microscopy, mass spectrometry and regenerative medicine as well as a selection of instruments for clinical purposes, such as metabolic research or asthma research will be presented. The IDEE workflow from design till fabrication will be demonstrated in a short demo as well.
<b>IDEE: Wearable healthcare</b>	The IDEE department, an innovation lab within the MUMC+, develops experimental set-ups and medical (measurement) instruments for research and new care applications. Within the roadmap Wearable Healthcare, IDEE, together with researchers, care professionals and industry creates new applications by developing and integrating wearables, smart phone apps and databases. During the tour IDEE will show several examples (Hospital Fit app, AO Smart Sock) and the future technology that will be used to further support our research and care at the MUMC+.