**FINAL COLLOQUIUM**:

1. Outline the major AI methods and the most widespread applications.
2. What are the major domains of AI?
3. What is a self-rated health? Why is it important?
4. What is ML and what types of if are relevant to the field of healthcare and medicine?
5. What medical principles are applied back to AI?
6. What are major AI approaches in clinical medicine?
7. What is a learning health system?
8. Provide a brief overview of a clinical decision support system.
9. What are the principles of AI framework development?
10. What are the limitations of ML methods in medicine?
11. What are the social challenges that we face by implementing AI in health care settings?
12. What are the approaches to the ethics of AI with considerations to privacy and safety?
13. What is a physician-patient relationship? Describe their modifications in terms of AI implementation.
14. What are the approaches to the systems of medical decisions?
15. What are the approaches to the diagnostic reasoning?
16. What are the ML approaches to diagnosis?
17. What are the trends in quality and safety research within the healthcare field?
18. What are the approaches to patient safety and preventing errors?
19. What is an adverse event and what are the ways to tackle by means of ML?
20. What is the concept of a shared decision-making?
21. What are the major domains of AI?
22. AI and reliance on data: what are the major difficulties?
23. What are the major aims of healthcare?
24. What are the criteria that drive technology innovation?
25. Explain medicalization of life as an approach.
26. Why do we need AI in healthcare?
27. What are the major approaches to understanding AI?
28. What so the terms ‘learning’ and ’intelligence’ mean in relation to AI?
29. What expectations of the past influence the present of AI?
30. What are the major ways the AI is changing healthcare and health?
31. What is an electronic health records? How do they affect the patient-provider relationship?
32. Provide a brief overview of the study of inequalities and AI.
33. What is the politics of algorithms, data and code?
34. What are the inequalities that are highly likely to be made more durable by AI?
35. AI as a social phenomenon: provide a brief overview of the wider social, cultural, economic and political conditions.
36. What is the application of AI in non-health care industries? Provide a brief overview.
37. Could you outline the key stakeholders of AI research and development?
38. What are the AI solutions for patients and families?
39. How could improper AI hurt patients?
40. How could improper AI hurt health systems?
41. What are typical cybersecurity vulnerabilities due to AI implementation in healthcare?
42. What is the influence of AI on human skills?
43. What are the factors to take into account for AI application evaluation?
44. What are the ways to empower patients and caregivers by AI applications?
45. What is the typical framework for AI selection for health care?
46. What is information management in healthcare settings?
47. What are the AI enhanced approaches to improve population health?
48. What are Public Health areas to implement AI solutions?
49. What are typical cybersecurity vulnerabilities due to AI implementation in healthcare?
50. What is the influence of AI on human skills?
51. What are the factors to take into account for AI application evaluation?
52. What is a traditional point of care and nontraditional health care settings?
53. What are the ways to use AI for population health management?
54. What are the ways to empower patients and caregivers by AI applications?
55. What is the typical framework for AI selection for health care?
56. Describe the developmental life cycle of AI application.
57. What are major approaches to understanding health behavior?
58. What are the approaches to analyze the trust of the Internet?
59. What are the traditional digital divide factors? Why are they included in the method?
60. What are the major characteristics and requirements of the doctor-patient communication in the XXI?