PROGRAMME

Tuesday June 20

08:00: Registration and breakfast

08:45: Welcome

08:55: Session 1: Biology-guided and adaptive radiotherapy anno 2023

Chairs: Karin Haustermans, Jasper Nijkamp

Keynote address

08:55-09:15: Daniel Zips, Charité Mitte, Berlin, Germany

Response-adaptive radiotherapy

Oral presentations

1. 09:15-09:25: Jens Overgaard, Aarhus University Hospital, Denmark

Hyperthermia as an adjuvant to radiotherapy of locally advanced breast carcinoma. The ESHO 1-85 multicenter randomized trial by the European Society for Hyperthermic Oncology

2. 09:25-09:35: Azadeh Abravan, The University of Manchester, United Kingdom

Value of delta-radiomics features from 18-F FDG-PET in predicting loco-regional failure in head and neck cancer

3. 09:35-09:45: Pieter Populaire, KU Leuven, Belgium

Dose to functional lung volume and pulmonary toxicity in esophageal cancer trimodality therapy

4. 09:45-09:55: Simon Nyberg Thomsen, Aarhus University Hospital, Denmark

The importance of daily dose calculation for avoiding overdose to OAR in NSCLC patients receiving dose escalation

5. 09:55-10:05: Tord Hompland, Oslo University Hospital, Norway

Consumption and Supply based Hypoxia imaging can quantify different hypoxia levels and are strongly related to outcome after prostatectomy

10:05: Coffee break

10:35: Session 2: Oligo-metastatic disease and reirradiation

Chairs: Azadeh Abravan, Morten Høyer

Keynote address

10:35-10:55: Matthias Guckenberger, University Hospital Zürich, Switzerland

Value of metastases directed radiotherapy: oligometastatic disease and beyond

Oral presentations

6. 10:55-11:05: Anna Mann Nielsen, Copenhagen University Hospital – Herlev and Gentofte, Denmark

An interim analysis from a randomized, phase III trial of esophagus sparring radiotherapy for metastatic spinal cord compression

7. 11:05-11:15: Christina Truelsen, Aarhus University Hospital, Denmark

Inter-fraction motion robustness in dose-escalated proton re-irradiation for locally recurrent rectal cancer: initial results from the prospective phase II trial, ReRad II

8. 11:15-11:25: Einar Dale, Oslo University Hospital, Norway

Re-irradiation with dose painting of head and neck cancer: Clinical outcomes

9. 11:25-11:35: Julie Frikke Depner, Rigshospitalet, Copenhagen, Denmark

Treating brain metastases in metastatic breast cancer: Outcomes after stereotactic radiosurgery examined in a retrospective, single-center cohort analysis

10. 11:35-11:45: Julie Kjems, Rigshospitalet, Copenhagen, Denmark

The potential for oligometastatic treatment of distant metastatic disease in head and neck squamous cell carcinoma (HNSCC) – a real-world data analysis

11. 11:45-11:55: Mette Felter, Herlev and Gentofte Hospital, Denmark

MR-guided stereotactic body radiotherapy in patients with oligometastatic disease in the infradiaphragmatic region (SOFT): a phase 2, multicenter study

12. 11:55-12:05: Sakina Khan, Aarhus University Hospital, Denmark

Remarkable local control and minimal toxicity in small ultra-central lung tumors or solitary lymph nodes after normo-fractionated radiotherapy

13. 12:05-12:15: Yuqing Xiong, University Hospital LMU Munich, Germany

Daily plan adaptation in ultra-hypofractionated MRgRT for prostate cancer: comparison of adapted and non-adapted accumulated dose

12:15: Lunch

13:15: Session 3: Automation and artificial intelligence

Chairs: Stine Sofia Korreman, Anne Holm

Keynote addresses

13:15-13:35: Jan Unkelbach, University Hospital Zürich, Switzerland

Machine learning for supporting clinical target volume definition

13:35-13:55: Nico van den Berg, UMC Utrecht, The Netherlands

Al driven imaging & contouring workflow for MRI guided Radiotherapy

13:55-14:15: Joseph O. Deasy, Memorial Sloan Kettering Cancer Center, New York, USA

Al methods to derive treatment response biomarkers from longitudinal imaging

Oral presentations

14. 14:15-14:25: Bob Smulders, Aarhus University Hospital, Denmark

Prediction of dose-sparing by protons assessed by a knowledge-based planning tool in radiotherapy of the brain

15. 14:25-14:35: Camilla Panduro Nielsen, Odense University Hospital, Denmark

Consistency in contouring of organs at risk by AI and radiation oncologists in head and neck cancer patients

16. 14:35-14:45: Emma Riis Skarsø, Aarhus University Hospital, Denmark

Multi-center auto-segmentation model for internal mammary nodes using clinical data: A DBCG study

17. 14:45-14:55: Maximilian Konrad, Odense University Hospital, Denmark

An automatic open-source approach to organs at risk and target structure segmentation for T2 MR-guided brachytherapy of cervical cancer patients using nnU-Net

14:55: Coffee break

15:20: Session 4: Clinical radiotherapy – CNS, head and neck, breast cancer

Chairs: Birgitte Vrou Offersen, Christian Rønn Hansen

Keynote addresses

15:20-15:40: Anna Kirby, The Royal Marsden, Sutton, United Kingdom

Radiotherapy for Breast Cancer- which outcomes really matter to patients?

15:40-16:00: Gerben Borst, The Christie, Manchester, United Kingdom

Individualising treatment strategies for brain tumours

16:00-16:20: Gabriel Adrian, Skåne University Hospital, Lund, Sweden

HNSCC: Why we shouldn't forget about the clonogenic cell (and hopefully increase cure rates)

Oral presentations

18. 16:20-16:30: Alice Clarke, Aarhus University Hospital, Denmark

Radiation dose-escalation for Glioblastoma: who may benefit?

19. 16:30-16:40: Jørgen Johansen, Odense University Hospital, Denmark

Accelerated Loss of Lean Body Mass in Head and Neck Cancer Patients During Cisplatin-based Chemoradiation

20. 16:40-16:50: Lene Haldbo-Classen, Aarhus University Hospital, Denmark

Is radiation dose to sleep-relevant brain structures associated with lower sleep quality in adults with primary non-glioblastoma brain tumours?

21. 16:50-17:00: Maja Olsen, Danish Cancer Society Research Center, Copenhagen, Denmark

Socioeconomic differences in the pre-diagnostic interval among patients diagnosed with head and neck squamous cell carcinoma - a nationwide, population-based study from DAHANCA, Denmark, 2008-2019

22. 17:00-17:10: Morten Horsholt Kristensen, Aarhus University Hospital, Denmark

Cancer stem cell expression and tumor volume as prognostic markers for radioresistance in HNSCC

17:15: Poster discussion and refreshments

19:00: Conference dinner and networking - Varna Mansion

Wednesday June 21

08:00: Session 5: Proton radiobiology

Chairs: Brita Singers Sørensen, Kathrine Røe Redalen

Keynote addresses

08:00-08:20: Eirik Malinen, Oslo University Hospital, Norway

Proton therapy of head & neck murine models - recent investigations on toxicity and tumor control

08:20-08:40: Armin Lühr, TU Dortmund, Germany

BiG-ART: Biology-Guided Alternatives for proton Radiotherapy Treatment planning

Oral presentations

- 23. **08:40-08:50:** Esther Troost, University Hospital Carl Gustav Carus, Dresden, Germany Multi-parametric MRI for unraveling radiation-induced changes in primary brain tumor patients
- 24. 08:50-09:00: Fredrik Kalholm, Stockholm University, Sweden Modeling RBE with Qeff significantly improves prediction of cell survival for proton therapy compared to LET
- 25. **09:00-09:10:** Maksym Fritsak, Paul Scherrer Institute, Villigen, Switzerland
 On the role of treatment uncertainties in the onset of radiation-induced optic neuropathy after proton therapy

09:10: Session 6: Clinical radiotherapy – Genito-urinary cancer

Chairs: Remi Nout, Jacob Lindegaard

Keynote address

09:10-09:30: Remi Nout, Erasmus University Medical Center, Rotterdam, The Netherlands

Moving towards risk stratified radiotherapy for locally advanced cervical cancer

Oral presentations

- 26. **09:30-09:40: Kari Tanderup, Aarhus University Hospital, Denmark** Peripheral neuropathy in cervix cancer patients: a trajectory analysis
- 27. **09:40-09:50:** Anne Cobussen, Maastro/Aarhus University Hospital, The Netherlands/Denmark Clinical outcomes using a 3D printed tandem-needle-template and the EMBRACE-II planning aims for image guided adaptive brachytherapy in locally advanced cervical cancer
- 28. **09:50-10:00: Ingerid Knudtsen, Norwegian University of Science and Technology, Trondheim, Norway** PSMA-PET of prostate cancer patients with biochemical recurrence
- 29. **10:00-10:10: Marta Pelizzola, Aarhus University Hospital, Denmark**Identification of syndromes from temporal evolution of symptoms in cervix cancer patients
- 30. **10:10-10:20: Simon Buus, Aarhus University Hospital, Denmark**Clinical outcome of MRI based high-dose-rate brachytherapy combined with EBRT for prostate cancer
- 31. **10:20-10:30:** Sofia Spampinato, Aarhus University Hospital, Denmark
 Patient-reported persistent symptoms after radiotherapy and association with quality of life for prostate cancer survivors

32. 10:30-10:40: Trine Tramm, Aarhus University Hospital, Denmark

T-lymphocytes and hypoxia predicts survival after brachytherapy in locally advanced cervical cancer

10:40: Coffee break

11:10: Session 7: Clinical radiotherapy – Gastro-intestinal and lung cancer

Chairs: Esther Troost, Lone Hoffmann

Keynote addresses

11:10-11:30: Karin Haustermans, UZ Leuven, Belgium

Proton therapy in esophageal cancer

11:30-11:50: Vincenzo Valentini, Policlinico Universitario A. Gemelli, Rome, Italy

The logical benefit of mining a large rectal cancer database: thoughts, judgements and imaginations

11:50-12:10: Marianne Guren, Oslo University Hospital, Norway

Improving clinical outcomes after chemoradiotherapy for anal cancer

Oral presentations

33. 12:10-12:20: Karen Wind, Aarhus University Hospital, Denmark

Pre-treatment immune-inflammation-related biomarkers and relation to disease-free survival in anal cancer

34. 12:20-12:30: Lise Bech Jellesmark Thorsen, Aarhus University Hospital, Denmark

National consensus based automatic delineation of thoracic organs at risk

35. **12:30-12:40:** Nina Levin, Norwegian University of Science and Technology, Trondheim, Norway Dose response relationship of acute esophagitis for patients with limited stage small cell lung cancer treated with chemoradiotherapy in a randomized phase II trial

12:40: Lunch

13:30: Session 8: Preparing for the future

Chairs: Niels Bassler, Kari Tanderup

Keynote addresses

13:30-13:50: Kristoffer Petersson, Oxford University/Lund University, United Kingdom/Sweden

FLASH Radiotherapy

13:50-14:10: Yolanda Prezado, Institut Curie, Paris, France

Divide and conquer: spatial fractionated radiation therapy

Oral presentations

36. 14:10-14:20: Katia Parodi, Ludwig-Maximilians-Universität München (LMU Munich), Germany

First in-silico demonstration of a novel platform for small animal image-guided, intensity modulated proton therapy

37. 14:20-14:30: Morten Busk, Aarhus University Hospital, Denmark

Development of preclinical orthotopic lung tumor mouse models generated by CRISPR/CAS9 in vivo gene knockout

38. 14:30-14:40: Signe Winther Hasler, Odense University Hospital, Denmark

A multicenter study of geometric accuracy of clinical MR sequences used for radiotherapy in Denmark

39. **14:40-14:50: Simon Vindbæk, Aarhus University Hospital, Denmark**Motion-induced proton dose change measured by 3D deformable dosimeters in an anthropomorphic phantom

14:50: Closing session - poster prizes

Chairs: Ludvig Muren, Jesper Eriksen

15:00: Farewell

POSTER DISCUSSION GROUPS

Poster discussion group 1: Preclinical studies

Chairs: Gabriel Adrian, Per Poulsen

1. Anders Tobias Frederiksen, Aarhus University Hospital, Denmark

Evaluating in vitro setup designed for horizontal beamline irradiation at the Danish Centre for Particle Therapy

2. Charlemagne A. Folefac, Aarhus University, Denmark

Targeting Solid Tumors with the combination of Stereotactic Radiation combine with hyperthermia

3. Ingunn Hanson, University of Oslo, Norway

TGF- β 3 injections increases severity of radiation induced oral mucositis and salivary gland fibrosis in a mouse model

4. Line Kristensen, Aarhus University Hospital, Denmark

Skin toxicity of FLASH proton radiation within the Spread-out Bragg Peak

5. Olga Zlygosteva, University of Oslo, Norway

Normal tissue response following proton and photon fractionated irradiation of the head and neck in a murine model

6. Toralf Husevåg, University of Oslo, Norway

Predicting saliva production and fibrosis in mice post-irradiation using T2-weighted MRI-based radiomic features

Poster discussion group 2: Biology, biomarkers and adaptation

Chairs: Katia Parodi, Jørgen Johansen

7. Ana Ureba, Stockholm University, Solna, Sweden

Biologically-guided automated treatment planning and evaluation: potential for treatment adaptation in head and neck cancer

8. Demet Özcan, Aarhus University Hospital, Denmark

Exploring the analytical validity of CD20 as a potential biomarker for benefit of post-operative radiotherapy in breast cancer patients

9. Eleni Kanouta, Aarhus University Hospital, Denmark

Scintillation imaging for in vivo monitoring of pre-clinical mouse treatments with conventional and FLASH proton pencil beam scanning

10. **Guillermo Garrido Hernandez, Norwegian University of Science and Technology, Trondheim, Norway** FDG-PET-based mid-treatment dose escalation of proton therapy in head and neck cancer

11. Jacob Lilja-Fischer, Aarhus University Hospital, Denmark

HPV subtype not prognostic in p16+ oropharyngeal squamous cell carcinoma

12. Marie Tvilum, Aarhus University Hospital, Denmark

Using image biomarkers to predict pattern of failure for patients with locally advanced NSCLC

13. Sara Linde, Aarhus University Hospital, Denmark

Early radiologic and metabolic response to chemotherapy in patients with limited disease small cell lung cancer

14. Tiril Hillestad, Oslo University Hospital, Norway

Early microenvironmental changes to radiation therapy in cervical cancer patients

Poster discussion group 3: Clinical studies A

Chairs: Slavka Lukacova, Mette Felter

15. Daniella Østergaard, Rigshospitalet, Copenhagen, Denmark

Dose-accumulation analysis of target and organs at risk with clinical outcome after re-irradiation of diffuse midline glioma

16. Hendrik Hansen, Maastricht University Medical Center, GROW School for Oncology and Reproduction Maastricht, the Netherlands

Automated plan quality monitoring for patient cohorts using dashboards: demonstration for a 'RapidPlan introduction' use case

17. Hjørdis Hjalting Schmidt, Aarhus University Hospital, Denmark

Do changes in treatment over time affect survival and pattern of failure in 177 consecutive patients treated with chemoradiotherapy for limited disease small-cell lung cancer (LD-SCLC)?

18. Ida M. H. Borgen, Oslo University Hospital, Norway

Assessing cognitive functioning in patients with diffuse glioma grade 2 and 3 in the PRO-GLIO trial – advantages and disadvantages of a cognitive screening battery versus a full neuropsychological assessment

19. Liv Cathrine Heggebø, Radiumhospitalet, Oslo University Hospital, Norway

Quality of life, perception of treatment, and life perspectives in diffuse low-grade glioma patients – initial presentation of a qualitative sub-study in the PRO-GLIO trial

20. **Michael Ruben Teindl Laursen, Copenhagen University Hospital – Herlev and Gentofte, Denmark**Protocol: OLIGO-DK - Local ablative therapy of oligometastatic disease

21. Sandy Mohamed, Aarhus University Hospital, Denmark

The value of MRI in response evaluation after primary (chemo-) radiotherapy for head and neck squamous cell carcinoma

22. Slavka Lukacova, Aarhus University Hospital, Denmark

Examining clinical patterns in the referral of brain tumor patients to proton therapy: A single center retrospective study

Poster discussion group 4: Clinical studies B

Chairs: Camilla Kronborg, Einar Dale

23. Anders W. Mølby Nielsen, Aarhus University Hospital, Denmark

Difference between planned and delivered dose to the internal mammary nodes in high-risk breast cancer patients

24. Anne Lindegaard, Copenhagen University Hospital – Rigshospitalet, Denmark

A systematic review on clinical adaptive radiotherapy for head and neck cancer

25. Camilla Kronborg, Aarhus University Hospital, Denmark

Organ specific secondary cancer risk after radiotherapy for seminoma. Comparison of robust intensity modulated proton therapy (IMPT) vs IMRT and VMAT photon plans

26. Camilla Skinnerup Byskov, Aarhus University Hospital, Denmark

Facility questionnaires from the European multicentre PROTECT phase III trial randomising proton vs. photon beam therapy in oesophageal cancer

27. Maja Bruvo Lazovic, University College Absalon, Næstved, Denmark

Potential early predictors of permanent xerostomia following head and neck radiotherapy

28. Johannes Tjelta, Haukeland University Hospital, Bergen, Norway

Radiation exposure to parent-in-treatment-room during pencil beam scanning pediatric proton therapy

29. Tine Bisballe Nyeng, Aarhus University Hospital, Denmark

Risk of large intra-fractional target shift during stereotactic treatment of peripheral lung lesions.

30. Veera Ahtiainen, Helsinki University Hospital, Comprehensive Cancer Center, Finland

Concept of individual dosing of Lu-177-PSMA radionuclide treatments based on prediction of tumor control and kidney tolerance

Poster discussion group 5: Imaging

Chairs: Anne Vestergaard, Mikko Tenhunen

31. Anne Bisgaard, Odense University Hospital, Denmark

Longitudinal DWI for response assessment in patients with rectal cancer treated on MRI-linac

32. Anne Vestergaard, Aarhus University Hospital, Denmark

Image changes after proton therapy of low and high grade gliomas

33. Jesper Folsted Kallehauge, Aarhus University Hospital, Denmark

National Quality Assurance of Quantitative Diffusion Tensor MR Imaging in Patients with Glioblastoma Multiforme

34. Laura Toussaint, Aarhus University Hospital, Denmark

A framework for quantifying longitudinal MRI changes after pediatric brain irradiation

35. Marte Kåstad Høiskar, Norwegian University of Science and Technology, Trondheim, Norway

Quantitative dynamic contrast-enhanced MRI in head and neck cancer: a systematic comparison of different modelling approaches

36. Minea Jokivuolle, Odense University Hospital, Denmark

Mapping tumor microstructure with time dependent diffusion MRI on a clinical 1.5 T MRI system

37. Moritz Rabe, University Hospital, LMU Munich, Germany

Accuracy and reproducibility of brain diffusion-weighted imaging at a 0.35 T MR-linac in volunteers

38. Nadine Vatterodt, Aarhus University Hospital, Denmark

Cross-platform assessment of CBCT-based dose evaluations for head and neck cancer proton therapy

Poster discussion group 6: Proton therapy A

Chairs: Armin Lühr, Michael Horsman

39. Amit Ben Antony Bennan, German Cancer Research Center (DKFZ), Heidelberg, Germany

Impact of variable RBE models on jointly optimized (JO) photon – proton combined treatment plans

40. Evangelia Choulilitsa, Paul Scherrer Institut, Villigen, Switzerland

Dosimetric benefit of Online Daily Adaptive Proton therapy for Head and Neck cancer patients

41. Fardous Reaz, Aarhus University, Denmark

Design and commissioning of a proton minibeam collimator at the Danish Center for Proton Therapy for experimental studies on Spatially Fractionated Radiotherapy - current status and need for standardized reporting

42. Jacob Johansen, Aarhus University Hospital, Denmark

Assessing the Effectiveness and Toxicity of Boron in Proton Therapy: Monte Carlo Simulations and In Vitro Clonogenic Assay

43. Michael Horsman, Aarhus University Hospital, Denmark

Using immunotherapy to enhance the response of a C3H mammary carcinoma to proton radiation

44. Niels Bassler, Aarhus University Hospital, Denmark

Variable Relative Biological Effectiveness in proton therapy is better described with experimentally obtained Qeff than LET

45. Peter Lægdsmand, Aarhus University Hospital, Denmark

Relative Biological Effectiveness in Pencil Beam Scanning Proton Therapy of Pediatric Brain Tumors Near Brainstem

46. Villads Jacobsen, Aarhus University Hospital, Denmark

Investigating Neutron Dose to Pregnant Patients Undergoing Proton Therapy: Validation of a MC Framework with H*(10) Measurements

Poster discussion group 7: Proton therapy B

Chairs: Esben Worm, Eirik Malinen

47. Andreas Havsgård Handeland, Haukeland University Hospital, Bergen, Norway

Robustness evaluation of linear energy transfer in proton therapy of paediatric posterior fossa tumours

48. Anne Holm, Aarhus University Hospital, Denmark

Does proton radiotherapy have an advantage in ipsilateral radiotherapy (RT) for neck metastases from unknown primary squamous cell carcinoma (CUP) in the primary and recurrent setting?

49. Andreas Havsgård Handeland, Haukeland University Hospital, Bergen, Norway

First application of an LET-inclusive NTCP model for brainstem necrosis following paediatric proton therapy in an independent cohort

50. Esben Worm, Aarhus University Hospital, Denmark

Motion variability and setup accuracy in CBCT-guided exhale-gated spot scanning proton therapy of hepatocellular carcinoma

51. Ivanka Sojat Tarp, Aarhus University Hospital, Denmark

Clinical benefit of range uncertainty reduction in robust optimization for proton therapy

52. Lia Valdetaro, Odense University Hospital, Denmark

Investigating the dose degradation around gold markers in spot-scanning proton therapy using 3D dosimeters

53. Nina Ubbesen, Aarhus University Hospital, Denmark

Dose to heart substructures between photon and proton therapy for esophageal cancer patients

54. Sarah Eckholdt, Aarhus University Hospital, Denmark

Patient-Specific Quality Assurance Using Monte Carlo Dose Calculations in Patients with Early Breast Cancer Treated with Proton Therapy

Poster discussion group 8: Treatment planning, automation, artificial intelligence A

Chairs: Joseph Deasy, Ditte Sloth Møller

55. Anne Andresen, Aarhus University Hospital, Denmark

Auto delineation of organ at risk in brain cancer patients using deep learning

56. Helena Vivancos Bargalló, Hospital de la Santa Creu i Sant Pau, Barcelona, Spain

Laterality and lumpectomy/mastectomy classification for AI contouring of breast targets

57. Jintao Ren, Aarhus University Hospital, Denmark

Highly uncertain regions reveal potential errors: uncertainty analysis for improving deep learning segmentation of head and neck cancer tumor

58. Kristoffer Moos, Department of Clinical Medicine, Aarhus University Hospital, Denmark

Deep learning-based segmentation of organ-at-risk in the thorax region using a high-quality curated dataset

59. Armin Lühr, TU Dortmund University, Germany

CT or stopping power ratio prediction by deep learning for MR-only proton dose calculation?

60. Rasmus Klitgaard, Aarhus University Hospital, Denmark

The impact of range and treatment uncertainties on normal tissue complication probability models based on the rectum volume vs. wall during proton therapy of high-risk prostate cancer

61. Sofie Tilbæk, Aarhus University Hospital, Denmark

Evaluation of plan robustness in proton therapy for high-risk prostate cancer patients included in a national clinical trial

Poster discussion group 9: Treatment planning, automation, artificial intelligence B

Chairs: Thomas Ravkilde, Ebbe Lorenzen

62. Karolina Klucznik, Aarhus University Hospital, Denmark

Accuracy of motion-including prostate dose reconstruction based on pre- and post-treatment cone-beam CT scans

63. Katrin Håkansson, Copenhagen University Hospital – Rigshospitalet, Denmark

Online adaptive radiotherapy for head and neck cancer – first experience analysis of plan difference and synthetic CT uncertainty

64. Laura Kaplan, Zealand University Hospital Næstved, Denmark

An automated planning method to spare the rectal wall in treatment of prostate cancer

65. Lars Hjorth Praestegaard, Aarhus University Hospital, Denmark

Comprehensive automated structure QA in radiotherapy

66. Line Ring, Aarhus University Hospital, Denmark

Evaluation of manual and DirectOrgans algorithm for the delineation of organ at risk in thorax and pelvic radiation therapy

67. Morten Nielsen, Odense University Hospital, Denmark

A systematic approach to estimation of residual tolerances of organs being re-irradiated

68. Saber Nankali, Aarhus University, Denmark

Spot scanning proton therapy of hepatocellular carcinoma: Intrafraction tumor motion monitoring and dose reconstruction

69. Thomas Ravkilde, Aarhus University Hospital, Denmark

An easily extendible framework for advanced automated plan checks