

SMS, where's the beef?

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University of Potsdam

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- *Happy Birthday*, SMS!

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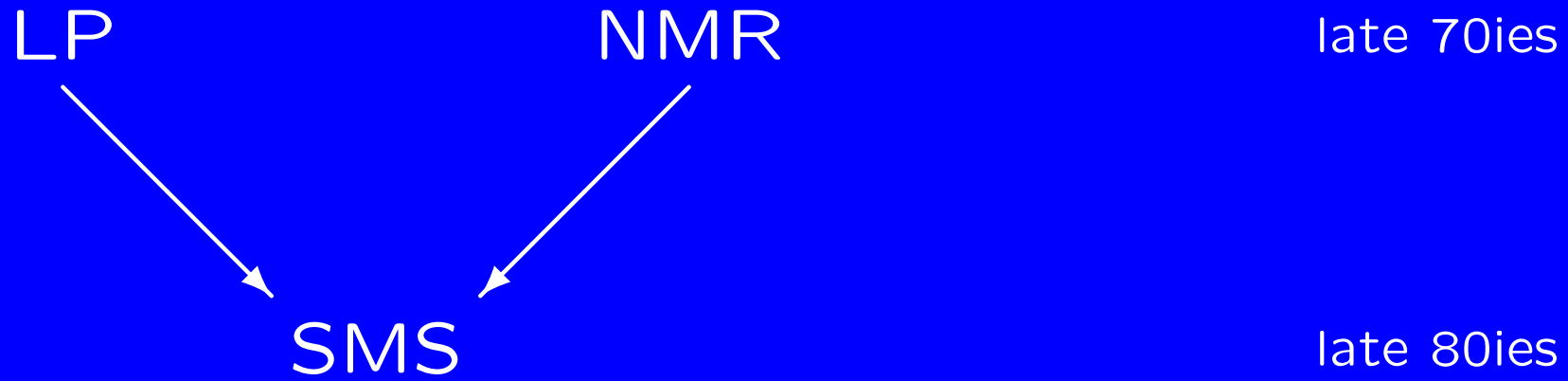
SMS, where's the beef?

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- *Happy Birthday*, SMS!
- Birthdays are about family, viz.
 - ancestors,
 - kids, and
 - TNG.



SMS's family tree



NMR, where's the beef?

- **Ray Reiter, KR'92**, "Twelve Years of Nonmonotonic Reasoning Research: Where (and What) Is the beef?"

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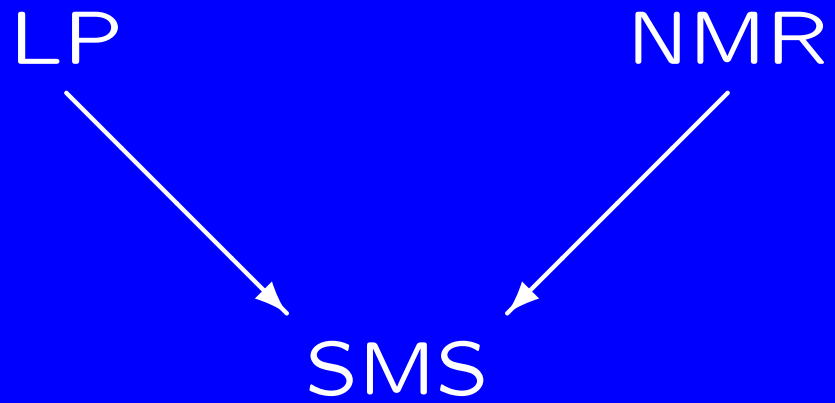
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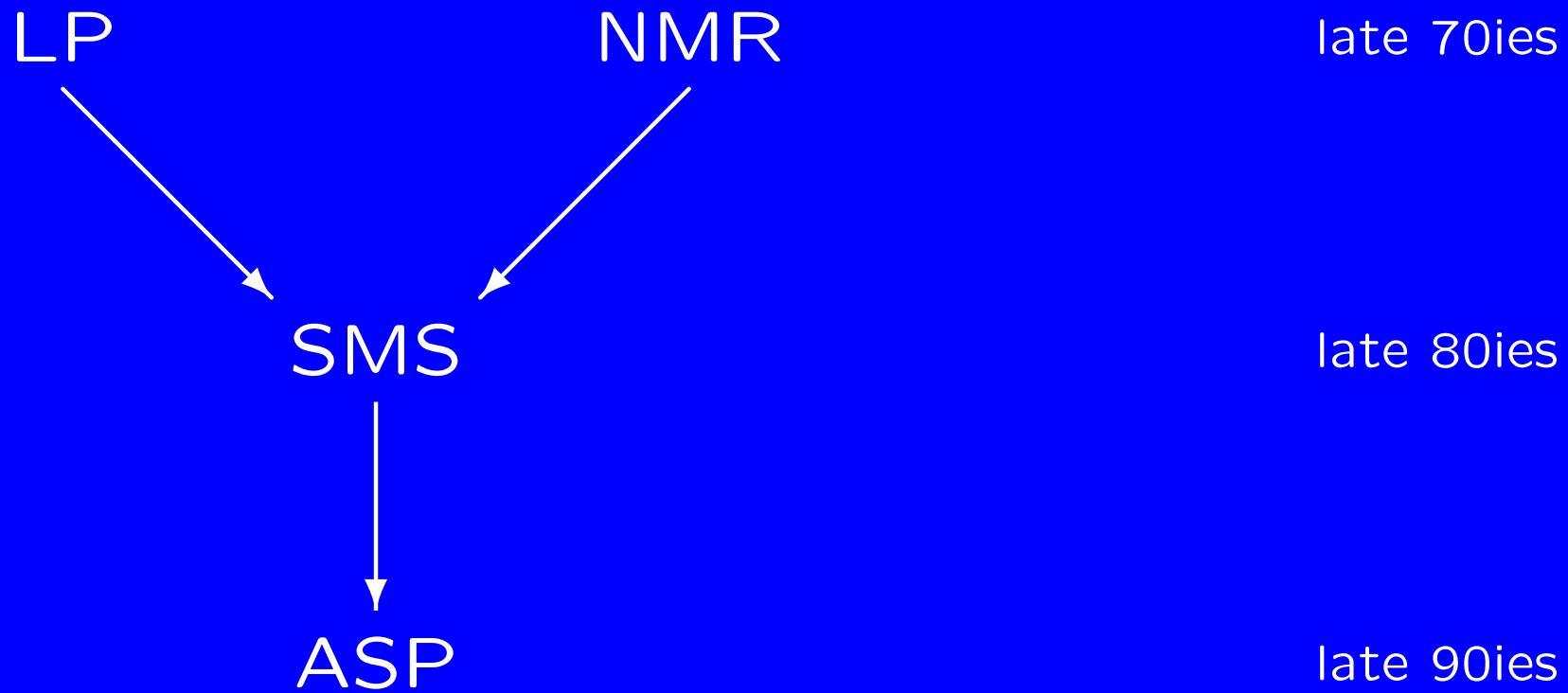
SMS's family tree



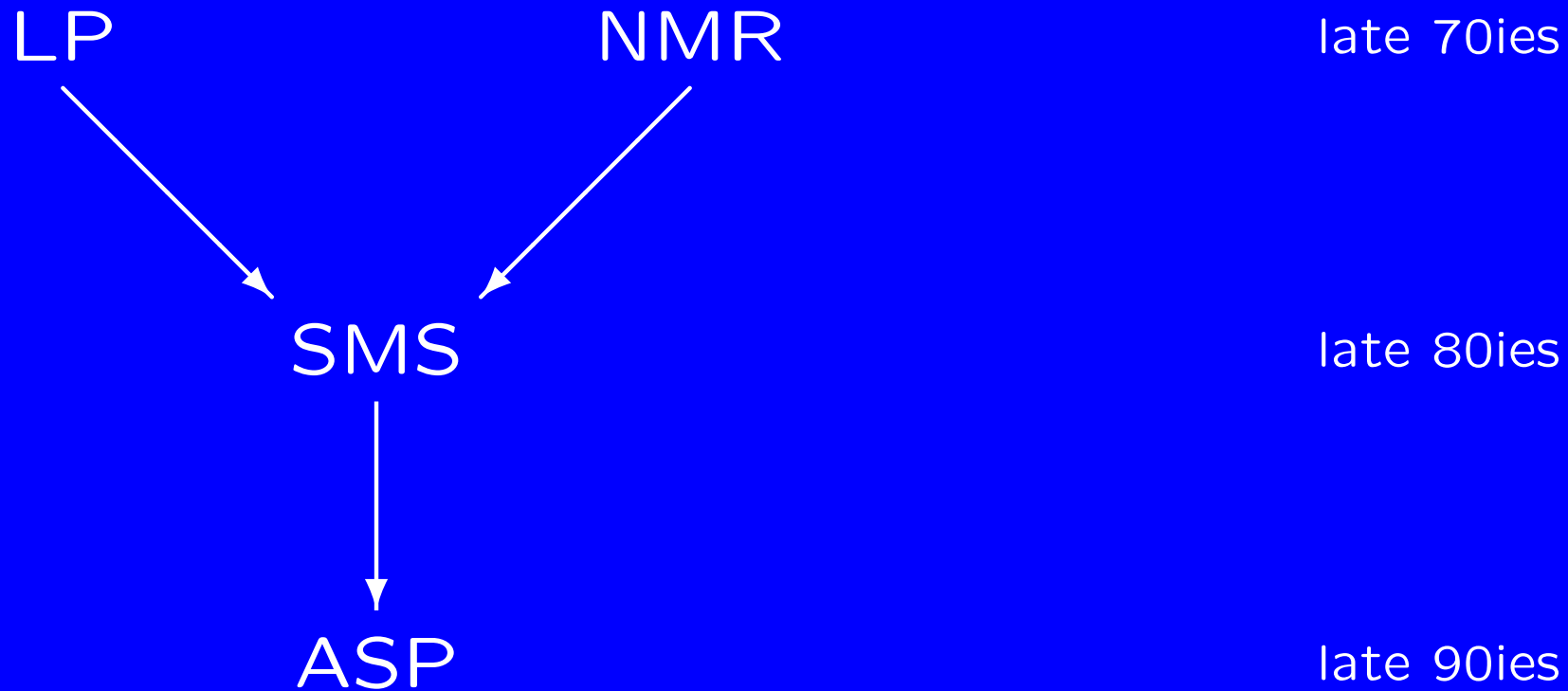
late 70ies

late 80ies

SMS's family tree

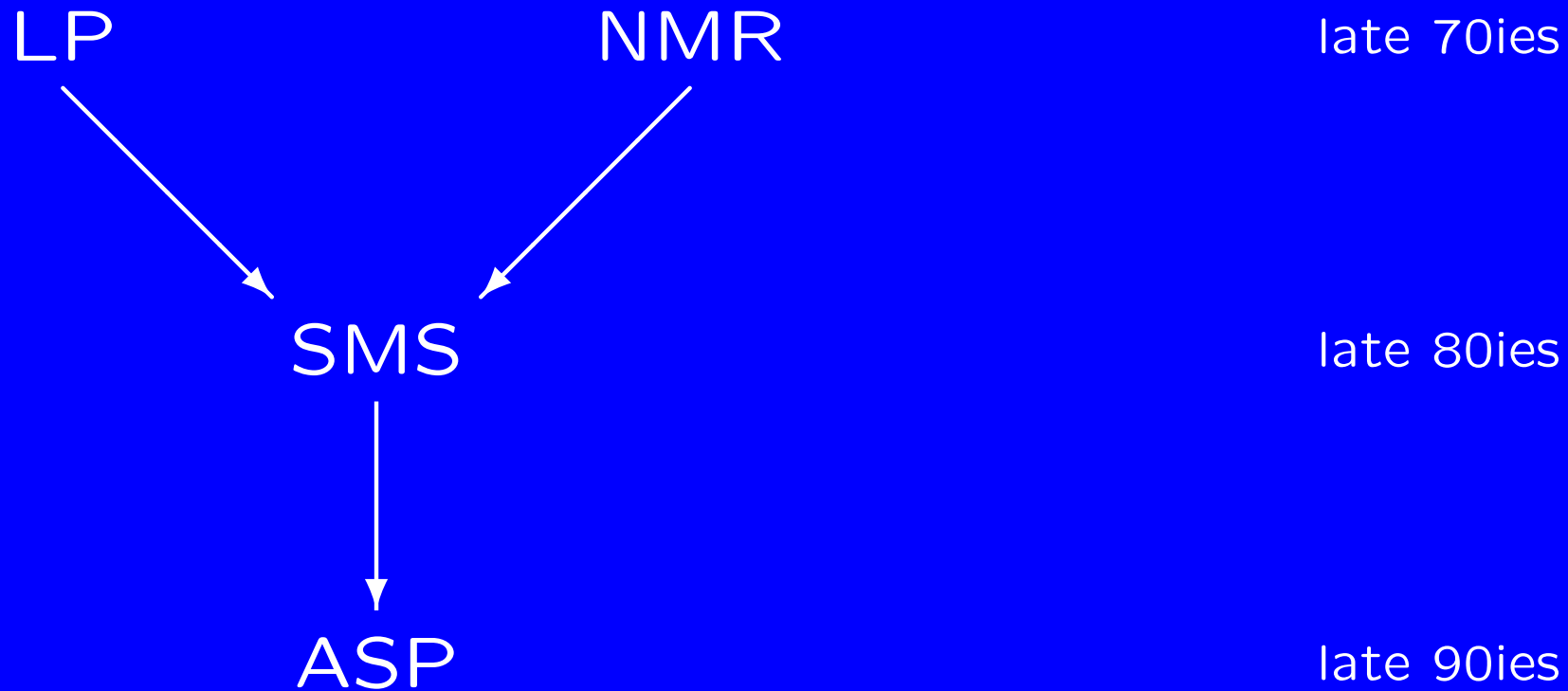


SMS's family tree



$$ASP = LP + NMR$$

SMS's family tree



$$ASP = LP + NMR + KR + DB + CP$$

ASP, what can you do for a living?

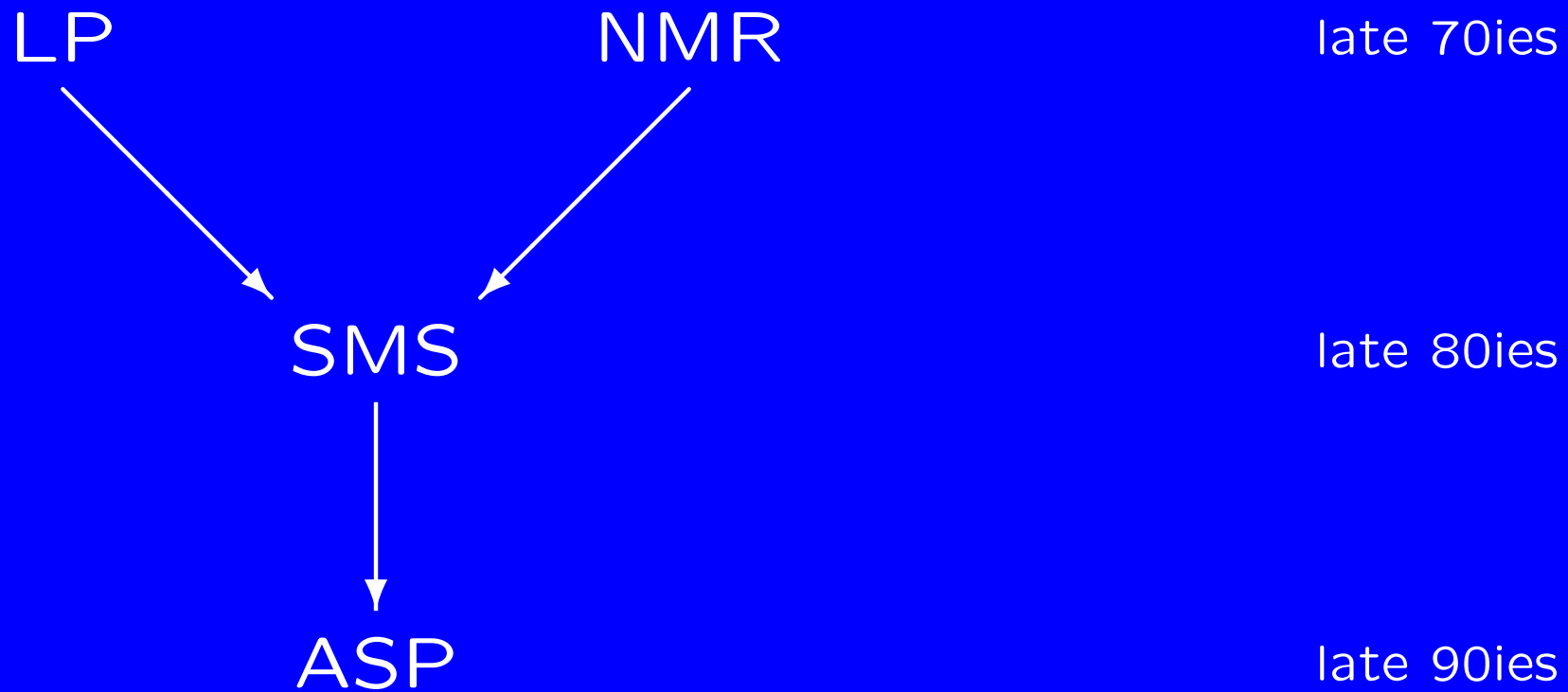
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- configuration [SN99],
- database integration [LGI⁺05],
- diagnosis [EFLP99],
- hardware design [EW04],
- insurance industry [BDKI05],
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- security protocols [AM01],
- *etc.*

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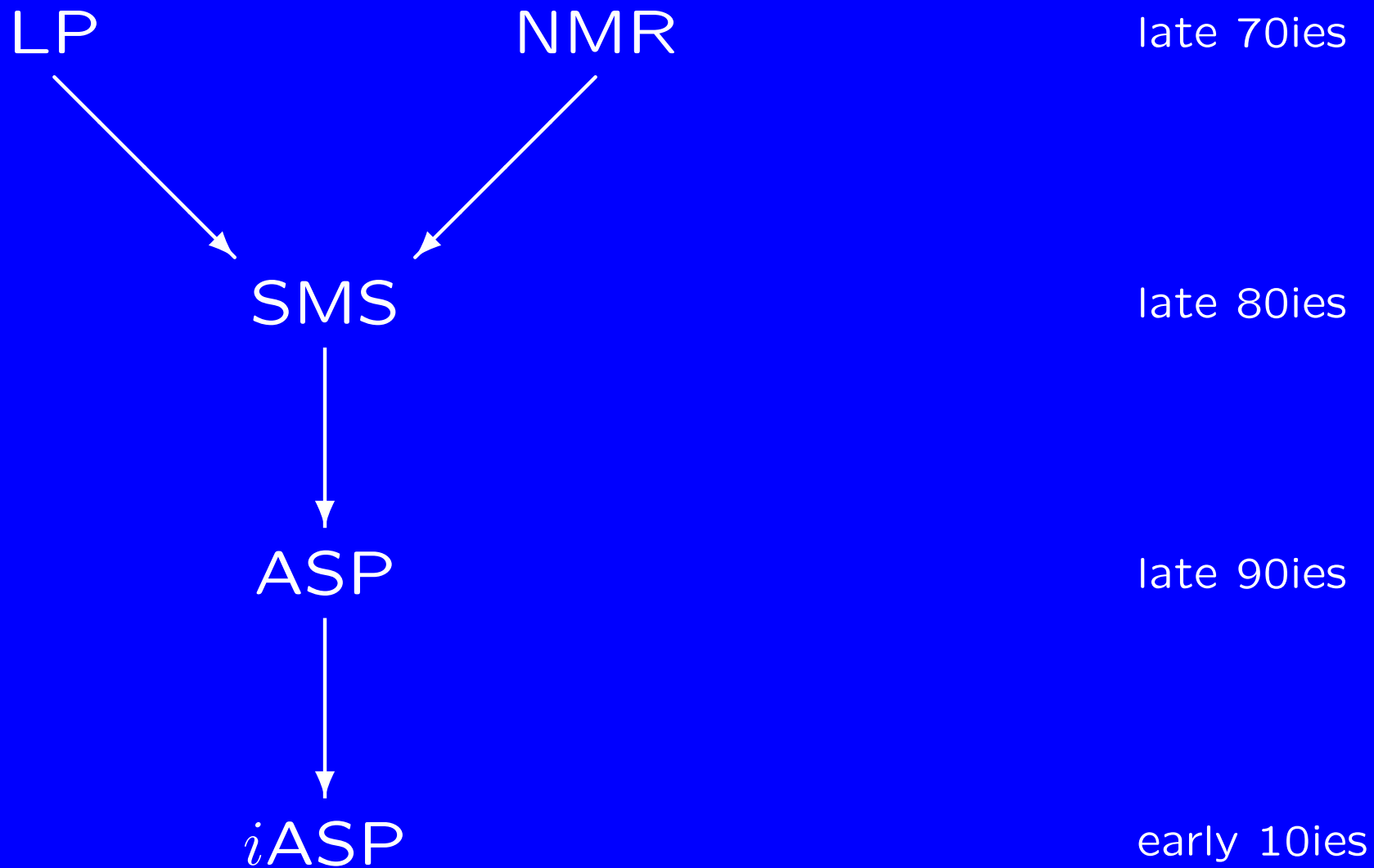
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 <http://www.kr.tuwien.ac.at/research/projects/WASP/report.html>

SMS's family tree: TNG



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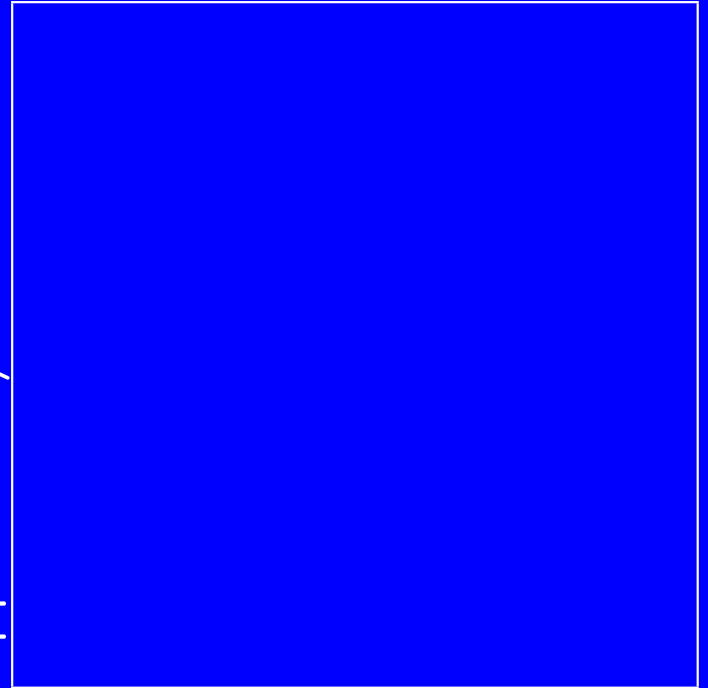
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Application / Business



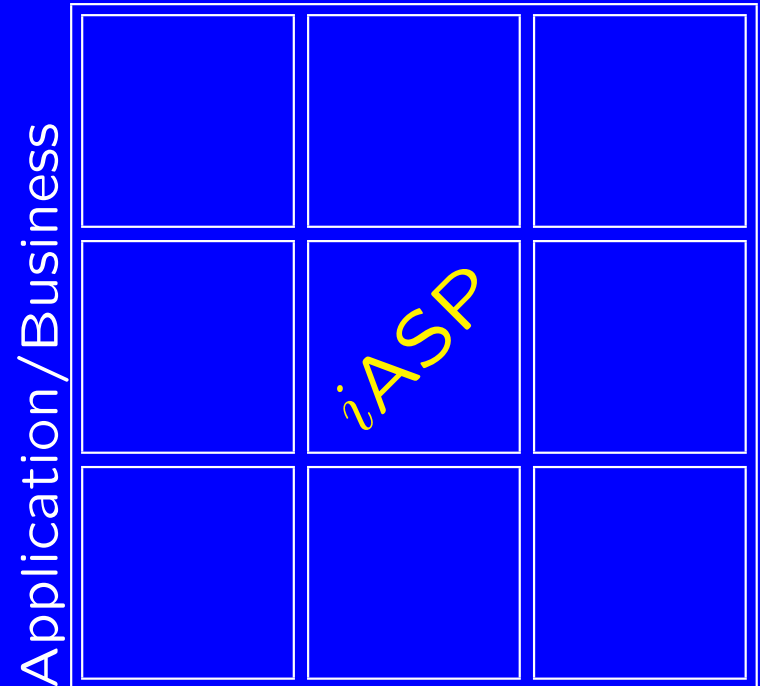
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- **Idea** Look for applications or businesses that can be solved by ASP



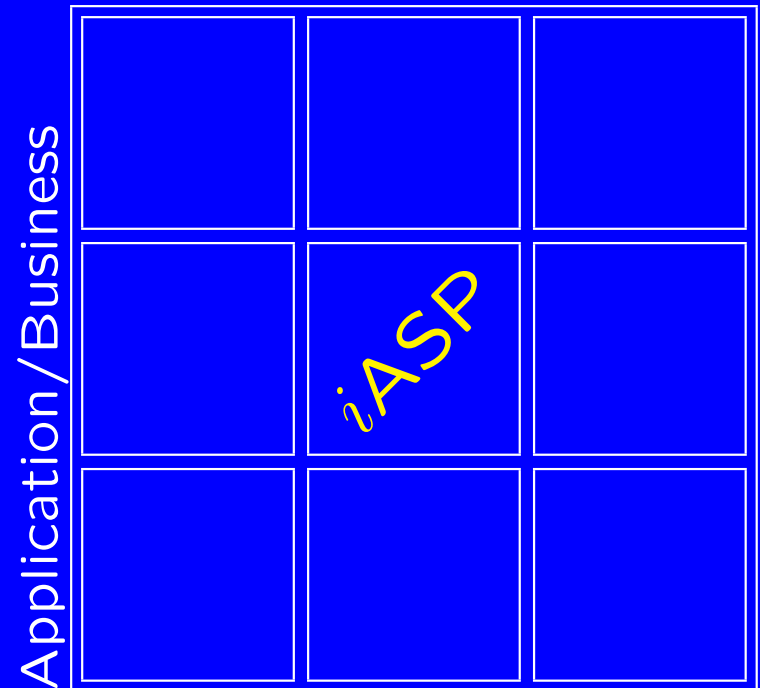
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 - ➔ *A different viewpoint!*
- **Idea** Look for applications or businesses that can be solved by ASP *among others!*
- My favorites
 - Bio-informatics
 - Assisted Living
 - General Game Playing



Some bottlenecks on the way

- Performance, eg.
 - Robustness (not only speed!)
 - Grounding
- Usability, eg.
 - Software Engineering (eg. debugging)
- Applicability, eg.
 - Extensibility (eg. reasoning modes, theories)
 - Interoperability (eg. interfaces)

Afterthoughts

- Good news!

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- *What about the beef...?*

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No slaughter!

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All's well that ends well (hopefully!)

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ASP inside.

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