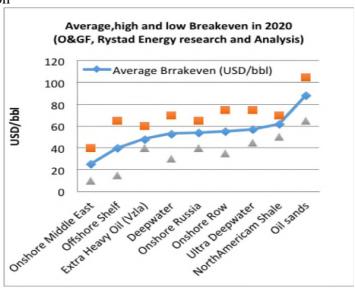
ROLE OF NANOTECHNOLOGY IN ENERGY AND ENVIRONMENT DR. NASHAAT N. NASSAR 1, PR HACINI MESSAOUD 2, MR ABBAS HADJ ABBAS 3.

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Outlines

- o Introduction "the big picture"
- o Dr. Nassar Group for Nanotechnology Research
- o Asphaltenes and its problems
- o How nano can play roles
- o Samples of our findings
- o Acknowledgments

Current situation



Conclusion

- Stone Age: humans learned to fashion tools from rocks
- o Bronze Age: humans learned to smelt copper
- o Iron Age: humans learned to forge iron and steels
- o Information Age: humans learned to purify silicon
- Nano Age
- : humans learned to make and manipulate nano-scale materials