

IS ARTIFICIAL
INTELLIGENCE
THE FUTURE OF

LIFE?



GRAVITY ASSIST



Podcast

1
00:00:00,160 --> 00:00:04,640
In our search for life, particularly here
in the solar system, we think we'll find

2
00:00:04,640 --> 00:00:09,920
microbial life first.
But beyond that, intelligent life,

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00:00:09,920 --> 00:00:13,599
well out into the galaxy, what are we
going to find?

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00:00:13,599 --> 00:00:18,000
What would it look like? Hi, I'm Jim Green, Chief Scientist at NASA

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00:00:18,000 --> 00:00:22,800
and this is Gravity Assist. On this
season of Gravity Assist, we're looking

6
00:00:22,800 --> 00:00:28,160
for life beyond Earth.
I'm here with Dr Susan Schneider and she

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00:00:28,160 --> 00:00:31,760
is the NASA Bloomberg Chair at the
Library of Congress

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00:00:31,760 --> 00:00:35,600
and the William Dietrich Chair
distinguished professor

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00:00:35,600 --> 00:00:40,879
at Florida Atlantic University, so today
we're going to talk about looking for

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00:00:40,879 --> 00:00:45,600
life beyond Earth and
what it might be like. Welcome Susan to

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00:00:45,600 --> 00:00:49,440

Gravity Assist.

Hi Jim, it's nice to meet you and be on

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00:00:49,440 --> 00:00:52,960

your show.

What do you think life beyond Earth

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00:00:52,960 --> 00:00:56,480

would be, intelligent life? What should we expect?

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00:00:56,480 --> 00:01:00,240

I call it the post-biological approach in
astrobiology.

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00:01:00,240 --> 00:01:04,879

Um, we all understand that

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00:01:04,879 --> 00:01:09,760

if and when NASA finds life, it will
probably be microbial, you know and this

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00:01:09,760 --> 00:01:12,320

is still pretty early in our own technological

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00:01:12,320 --> 00:01:15,360

evolution.

Really, I mean just think it seemed like

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00:01:15,360 --> 00:01:20,320

just yesterday

when we, um, had the television

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00:01:20,320 --> 00:01:24,159

or the automobile or the airplane and
now look where we are.

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00:01:24,159 --> 00:01:31,040

So it may be only a,
you know, blink of an eye in cosmic time

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00:01:31,040 --> 00:01:34,479

really before we start enhancing our own

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00:01:34,479 --> 00:01:38,159

intelligence

and becoming partly, if not fully,

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00:01:38,159 --> 00:01:42,880

synthetic

ourselves. But it could be that the most

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00:01:42,880 --> 00:01:46,280

intelligent civilizations out there are

in fact

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00:01:46,280 --> 00:01:52,840

post-biological so they grew out of

originally biological civilizations like

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00:01:52,840 --> 00:01:57,520

ourselves and

they're vastly smarter than us. Um, in

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00:01:57,520 --> 00:02:00,960

fact they may be

so different from us that they're